CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Hydro electric development, Washington, Grays Harbor Ry. & Light Co. plans hydro-electric project on Cowlitz River, total $20,000,000.

Bridge, New Orleans, La., G. A. Hew and A. S. Hackett plan single span toll bridge, $10,000,000.

Hotel and office, St. Louis, Mo., Local Syndicate having preliminary plans made, $10,000,000.

Water supply system, Santiago, Cuba, Dept. Pub. Wks. making plans for water system, $6,000,000.

Hotel, Vancouver, B. C., Syndicate having preliminary plans prepared, $5,000,000.

University, Kansas City, Mo., Lincoln & Lee University having plans prepared, $5,000,000.

Sewage disposal plant, West Palm Beach, Fla., making plans for plant, $3,000,000.

Factory, Cambridge, Mass., Industrial Building Co. having sketches made, $3,000,000.

Schools, Greensboro, N. C., voted $2,300,000 bonds to construct new schools.

Bank, Providence, R. I., Industrial Trust Co. had plans prepared, $2,000,000.

Office and Exchange, Chicago, Ill., Chicago Mercantile Exchange having plans prepared, $2,000,000.

Hotel, Laurel, Miss., W. B. Rogers, et al having preliminary plans prepared, $2,000,000.

Club, San Francisco, Calif., Embassy Club having plans prepared, $1,500,000.

Paving, Toledo, Iowa, Tama Co. plan bond election for road work, $1,437,000.

Hotel, Galveston, Tex., Boulevard Hotel Co. having plans prepared, $1,350,000.

School, San Francisco, Calif., Bd. Pub. Wks. plan building, $1,026,000.

School, Indianapolis, Ind., Bd. School Comrs. had plans prepared, $1,000,000.

Chapel, Cambridge, Mass., Harvard University having sketches made, $1,000,000.

Apartment, Chicago, Ill., M. Thorch having plans prepared, $1,000,000.

Office, San Diego, Calif., Medico-Dental Building Corp. having plans prepared, $1,000,000.

Theatre, Columbus, O., Loews Inc., having sketches drawn, $1,000,000.

Bids Wanted

City Hall, Los Angeles, Calif., June 30, by Bd. Pub. Wks., $3,000,000.

Office, Chicago, Ill., F. D. Chase, Inc., Archts, taking bids, $1,000,000.

Contracts

Office, Chicago, Ill., Medical Arts Club, let general contract to Thompson-Starrett Co., $4,500,000.

Hotel, Chicago, Ill., R. T. France & Co., Archts., let general contract to Fitzgerald Constr. Co., $2,000,000.

Hotel, White Plains, N. Y., H. Panchey to Dwight P. Robinson & Co., $1,500,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
June 18	Hammonton, N. J.	June 10
June 18	Long Island City, N. Y.	June 17
June 18	New York, N. Y.	June 17
June 18	St. George, N. Y.	June 17
June 19	Jeffersonville, Ind.	June 17
June 19	Gulfport, Miss.	June 3
June 21	Buda, Ill.	June 17
June 21	Jackson, Miss.	June 17
June 21	Okmulgee, Okla.	June 3
June 21	Milwaukee, Wis.	June 17
June 22	Riverview (mail Angling), Mich.	June 17
June 23	Babylon, N. Y.	June 17
June 23	South Pasadena (Ind. br. Pasadena), Calif.	June 17
June 24	Quincy (Ind. br. Boston), Mass.	June 17
June 24	Glendale, Calif.	June 17
June 25	St. Cloud, Minn.	June 17
June 25	Dayton, O.	June 17
June 25	Williamson, W. Va. Adv. June 3 to 17.	June 10
June 28	Nordheim, Tex.	June 10
June 29	Detroit, Mich. Adv. June 10 and 17.	June 10
June 30	Providence, R. I. Adv. June 10 and 17.	June 10
June 30	Newark, N. J. Adv. June 17.	June 17
July 1	Berea, O. Adv. June 17.	June 17

Sewers

June 21	West Roxbury (Boston P. O.), Mass.	June 10
June 21	Boston, Mass.	June 17
June 21	Milwaukee, Wis.	June 17
June 21	Huntington, W. Va.	June 17
June 22	Topeka, Kan.	June 17
June 22	St. Paul, Minn.	June 17
June 22	St. Louis, Mo.	June 3
June 22	Kingsford, Mich.	June 10
June 22	Erie, Pa. Adv. June 10 and 17.	June 10
June 22	Independence, Kan.	June 10
June 22	Kingsford (Iron Mountain P. O.), Wis.	June 17
June 22	Libertyville, Ill.	June 17
June 22	Birmingham, Ala.	June 17
June 23	Hastings, Neb.	June 17
June 23	Ithaca, Mich.	June 10
June 23	Harlingen, Tex.	June 17
June 25	Chattanooga, Tenn. Adv. June 10 and 17.	June 10
June 25	Erie, Pa. Adv. June 10 and 17.	June 10
June 25	Prague, Okla.	June 17
June 25	New York, N. Y.	June 17
June 28	South Belmar, N. J. Adv. June 17.	June 17

Bids close		*See Eng. News-Record*
June 29	St. Louis, Mo.	June 10
July 6	Lynn, Mass.	June 3
July 6	Jackson, Mich. Adv. June 17.	June 17
July 12	Fulton, Ky. Adv. June 17.	June 17
July 13	St. Louis, Mo.	June 17

Waste Disposal

June 21	Woodlawn, Pa.	June 3
June 21	Gary, Ind. Adv. June 10 and 17.	June 10
June 25	Louisville, Ky.	June 3

Bridges

June 18	Cincinnati, Ohio	June 3
June 18	Pennsylvania	June 10
June 18	Brooklyn, N. Y.	June 10
June 21	Kentucky	June 3
June 21	New Jersey	June 3
June 21	Wayne, Neb.	June 10
June 21	Ludington, Mich. Adv. June 10 and 17.	June 10
June 22	New York Adv. June 10 and 17.	June 10
June 22	Harlan, Ia.	June 17
June 23	Milton, N. Y.	June 17
June 24	North Adams, Mass. Adv. June 10 and 17.	June 10
June 24	Jersey City, N. J.	June 17
June 25	Cincinnati, O.	June 17
June 25	Roanoke, Va. Adv. June 3 to 17.	June 3
June 28	Providence, R. I. Adv. June 10 and 17.	June 10
June 28	New Jersey Adv. June 10 and 17.	June 10
June 29	Manhattan, Kan.	June 10
June 29	North Carolina	June 17
June 29	Bronxville, N. Y. Adv. June 10 and 17.	June 10
June 30	Racine, Wis. Adv. June 10 and 17.	June 10
July 1	Louisiana	June 10
July 2	Los Angeles, Calif.	June 10
July 2	Vero Beach, Fla. Adv. June 17.	June 17
July 6	California	June 17
July 6	Stockton, Calif.	June 17
July 9	Tribes Hill, N. Y.	June 17
July 9	Roanoke, Va. Adv. June 17.	June 17
July 15	Clayton, La. Adv. June 17.	June 17
July 16	Huntington, W. Va. Adv. June 17.	June 17

Dams

June 30	Reading, Pa. Adv. June 10 and 17.	June 10

Excavation, Drainage, Irrigation, Levees, River and Harbor

Bids close		*See Eng. News-Record*
June 21	Cascade, Ia.	June 17
June 25	Port Burwell, Ont.	June 10
June 29	Welland, Ont.	June 10
July 3	Morgantown, Ky.	June 17

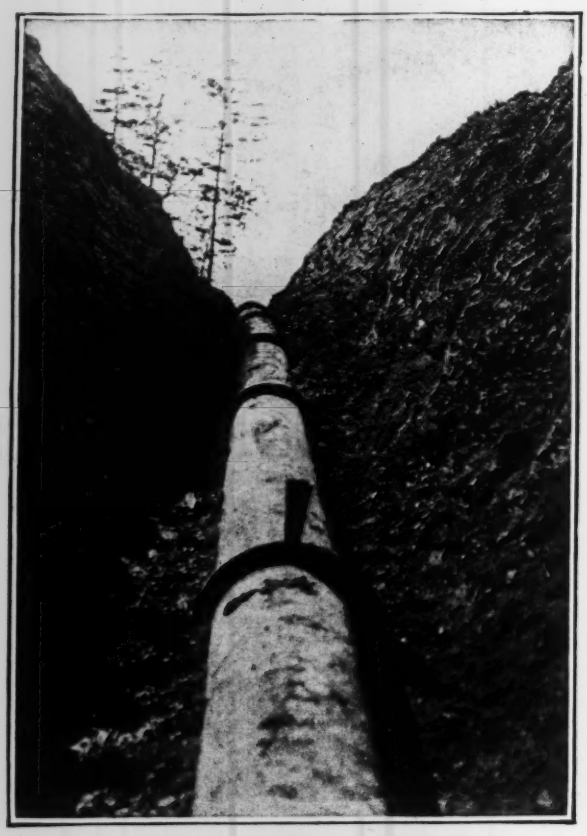
Streets and Roads

June 18	Roselle, N. J.	June 10
June 18	New York, N. Y.	June 10
June 18	New York, N. Y.	June 17
June 19	Milwaukee, Wis.	June 17
June 19	Racine, Wis.	June 17
June 21	Sedalia, Mo.	June 17
June 21	New York, N. Y.	June 17
June 21	Peru, Ind.	June 17
June 21	Weatherford, Okla.	June 17
June 21	Huntington, W. Va.	June 17
June 21	Providence, R. I.	June 17
June 21	Riverside, Ont.	June 17
June 21	Cincinnati, O.	June 17
June 21	Galesburg, Ill.	June 17
June 21	Kentucky	June 3
June 21	New Jersey	June 3
June 21	Pittsburg, Tex.	June 10
June 21	Akron, O.	June 10
June 21	Huntington, W. Va.	June 17
June 22	Primghar, Ia.	June 17
June 22	West Virginia Adv. June 17.	June 17
June 22	Cincinnati, O.	June 17
June 22	Michigan	June 17
June 22	Duluth, Minn.	May 20
June 22	Pennsylvania	June 3
June 22	Mt. Pleasant, Tex.	June 10
June 22	Columbus, O.	June 10
June 22	Indiana	June 10
June 22	Hollister, Mass.	June 10
June 22	Independence, Kan.	June 10
June 22	Massachusetts	June 17
June 22	West Virginia	June 17
June 22	Michigan	June 17
June 22	Wyandotte, Mich.	June 17
June 22	Maryland	June 17
June 22	Primghar, Ia.	June 17
June 23	Monessen, Pa.	June 17
June 23	Brooklyn, N. Y.	June 17
June 23	Baltimore, Md.	June 17
June 23	Michigan	June 17
June 23	Pennsylvania	June 3
June 23	Delaware	June 3
June 23	North Adams, Mass. Adv. June 10 and 17.	June 10
June 23	Glenville, W. Va.	June 10
June 23	Indiana	June 17
June 23	Terre Haute, Ind.	June 17
June 24	New York, N. Y.	June 17
June 24	Albion, Ind.	June 17
June 24	Wisconsin	June 17
June 24	Logansport, Ind.	June 17

See proposal advertising on page 143

Constr. News page 379

TRADE "LEADITE" MARK
Registered U. S. Pat. Office



16-in. c. i. B&S water main laid with LEADITE joints, tested to 195 lbs. water pressure.

Pipe Joint Knowledge

LEADITE is recognized to be the best material for making joints in cast iron bell and spigot water mains by thousands of water works men thruout the world.

Water works men who keep a check on their systems and make water waste surveys know that their pipe lines laid with LEADITE are tight.

Their experience with LEADITE has proven to them that LEADITE joints improve with age, and that the joints do not corrode or rust.

They know that LEADITE has been successfully tested and used for over 30 years.

They know LEADITE will flow around a 60-in. pipe just as easily as it does around a 4-in. pipe; size does not make any difference. They know LEADITE fills every crevice of the joint.

They know LEADITE eliminates the expense and drudgery of caulking.

They know the simplicity, economy and efficiency with which LEADITE can be used.

Give LEADITE a fair trial and convince yourself of its merit and many advantages.

Join the LEADITE users.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE
and Accept No Imitations

THE LEADITE COMPANY, Inc.

1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
June 25	Beaver Dam, Wis.	June 17
June 25	Seaside, Ont.	June 17
June 25	New York, N. Y.	June 17
June 25	Mound City, Kan.	June 10
June 25	Ft. Wayne, Ind.	June 10
June 27	West Palm Beach, Fla. Adv. June 17.	June 17
June 28	St. Paul, Minn.	June 17
June 28	Kentucky	June 3
June 28	New Jersey Adv. June 10 and 17.	June 10
June 28	Larchmont, N. Y. Adv. June 10 and 17.	June 17
June 28	Muskegon, Mich.	June 17
June 29	Trenton, N. J. Adv. June 17.	June 17
June 29	Louisiana	June 10
June 29	North Carolina Adv. June 10 and 17.	June 10
June 29	Kennett, Mo.	June 17
June 29	Massachusetts	June 17
June 30	Grand Forks, N. D.	June 17
June 30	New York Adv. June 17.	June 17
July 1	Auburn, Ala.	June 17
July 1	Gretna, La.	June 17
July 2	Girard, Kan.	June 17
July 2	Omaha, Neb.	June 17
July 5	Fowler, Ind.	June 17
July 5	Williamsport, Ind.	June 17
July 5	Jasper, Ind.	June 17
July 6	Oroville, Calif.	June 17
July 6	South Bend, Ind.	June 17
July 6	Auburn, Ind.	June 17
July 6	California	June 17
July 6	Kingston (Ind. br. Wilkes Barre), Pa. Adv. June 17.	June 17
July 6	St. Louis, Mo.	June 17
July 6	Morgantown, W. Va.	June 3
July 7	Vero Beach, Fla.	June 3
July 7	Pennsylvania Adv. June 17.	June 17
July 8	Portland, Ind.	June 17
July 13	St. Louis, Mo.	June 17
July 15	Girard, Kan.	June 17
July 19	Apalachicola, Fla. Adv. June 17.	June 17
July 25	Michigan	June 17

Buildings—Commercial

June 18	Cleveland, O.	June 17
June 20	Seattle, Wash.	June 10
June 21	Milwaukee, Wis.	June 17
June 22	Akron, O.	June 17
June 22	Chicago, Ill.	June 17
June 22	St. Louis, Mo.	June 3
June 23	Cleveland, O.	June 17
June 23	Campbells Bay, Que.	June 17
June 24	New Haven, Conn.	June 17
June 25	Kansas City, Mo.	June 17
June 30	Los Angeles, Calif.	June 17
June 30	Pittsburg, Kan.	June 10
July 1	Texarkana, Tex.	Apr. 22
July 1	Opelika, Ala.	June 17
July 6	Riverside, Calif.	June 10
July 7	Sullivan, Ind.	June 3
July 12	Charleston, W. Va. Adv. June 10 and 17.	June 10
Sept. 1	Vancouver, B. C.	Apr. 22

Buildings—Industrial

June 28	Cincinnati, O.	June 10

Buildings—Educational, Religious

June 18	Fitchburg, Mass.	June 17
June 18	Toronto, Ont.	June 17
June 21	Clairton, Pa.	June 17
June 22	Rocky River, O.	June 3
June 23	Dearborn, Mich.	June 17
June 23	Detroit, Mich.	June 17
June 28	Cincinnati, O.	June 10
June 29	Wanakena, N. Y.	June 10
June 29	Chicago, Ill.	June 10
June 29	Columbia, Mo.	June 17
June 30	Covington, Ky.	June 17
July 1	Newburgh, N. Y.	June 10
July 1	New Haven, Conn.	June 17
July 2	Morgantown, W. Va.	June 10
July 14	San Francisco, Calif.	June 17

Federal Government Work

June 18	Houses—Pittsburgh, Pa. Adv. May 27 to June 17.	May 27
June 21	Water System — Ft. Warren, Mass.	May 27
June 21	Dam—Pittsburgh, Pa. Adv. May 27 to June 17.	May 27
June 21	Administration, etc.—Dayton, Ohio Adv. May 27 to June 17.	May 27
June 21	Extension—Orlando, Fla.	June 3
June 21	Foundations — Daytor, Ohio Adv. June 3 to 17.	June 3
June 21	Remodeling—Morgantown, W. Va.	June 10
June 22	Dredging—Chicago, Ill. Adv. May 27 to June 17.	May 27
June 22	Roads and Walks—Rutland Heights, Mass.	June 3
June 22	Water Tank—Dayton, O. Adv. June 3 to 17.	June 3
June 22	Engines, etc.—St. Louis, Mo. Adv. June 3 to 17.	June 3
June 22	Equipment—Hot Springs, Ark.	June 3
June 22	Repairs—St. Louis, Mo.	June 17
June 22	Plumbing—Norfolk, Va.	June 10
June 22	Remodeling—Ann Arbor, Mich.	June 10
June 23	Hulls—St. Louis, Mo. Adv. June 3 and 17.	June 3
June 23	House—Pittsburgh, Pa. Adv. May 27 to June 17.	June 3
June 23	Dikes—Matson, Mo.	June 10
June 23	Acetylene Flashers—St. George, N. Y.	June 10
June 23	Boiler, etc.—Streator, Ill.	June 10
June 24	Dredging—Miami, Fla. Adv. May 27 to June 17.	June 3
June 25	Extension—Rome, N. Y.	June 10
June 25	Extensions, etc.—Brooklyn, N. Y. Adv. June 17.	June 17
June 28	Kitchen, etc.—Livermore, Calif.	May 27
June 28	Dredging—New York, N. Y. Adv. June 3 to 17.	June 3
June 28	Breakwater — Milwaukee, Wis. Adv. June 3 to 17.	June 3
June 28	Lookouts, etc.—Hamilton, O.	June 10
June 29	Dredging — Wilmington, Del. Adv. June 3 to 17.	June 3
June 29	Lock House—Huntington, W. Va. Adv. June 3 to 17.	June 3
June 30	Revetment—Kansas City, Mo.	June 10
June 30	Remodeling—Hazleton, Pa.	June 17
June 30	Remodeling—Evansville, Ind.	June 17
July 1	Engines, etc.—Wash., D. C.	June 10
July 1	Pier—Charleston, S. C. Adv. June 10 and 17.	June 10
July 1	Remodeling—Cumberland, Md.	June 10
July 1	Stone—San Luis Obispo, Calif.	June 17
July 2	Dredging — New Haven, Conn. Adv. June 3 to 17.	June 3
July 7	Motors, etc.—Wash., D. C.	May 13
July 7	Levees—Pittsburg, Miss. Adv. June 17.	June 17
July 9	Hull—Memphis, Tenn. Adv. June 10 and 17.	June 10
July 12	Rock Removal—Newark, N. J. Adv. June 10 and 17.	June 10
July 12	Tailrace, etc.—Nebraska-Wyoming	June 10
July 15	Dredging—Hawaii	May 13
July 15	Metal Work—Louisville, Ky. Adv. June 17.	June 17
July 20	Transformers — Florence, Ala.	June 17
July 27	Hospital — Northport, N. Y.	June 10

Unclassified

June 18	Dumping Platform—New York, N. Y.	June 17
June 21	Heating System—Boston, Mass.	June 17
June 21	Ferryboats—New York, N. Y.	June 10
June 22	Running Tracks—Rocky River, O.	June 10
June 22	Airplane Hangar—Buffalo, N. Y.	June 17
June 22	Bulkhead—New Bedford, Mass. Adv. June 10 and 17.	June 10
June 22	Heating and Ventilating System—Foxboro, Mass.	June 10
June 23	Subway—Phila., Pa.	June 3
June 25	Foundations—Long Island City, N. Y.	June 17
June 25	Air Compressor—Farmingdale, N. Y.	June 3
June 28	Undergrade Crossing — California	June 17
Sept. 30	Crane Gantries, etc.—Otahulu, New Zealand	May 20

Materials

June 22	Piles—New Orleans, La.	June 17
June 23	Pipe, etc.—New York, N. Y.	June 17
June 24	Rail Bonds—Phila., Pa.	June 17
June 25	Joint Bars, etc.—Phila., Pa.	June 17
June 25	Steel Bars, Shapes, etc. — Phila., Pa.	June 17
June 25	Steel Pipe, etc. — Phila., Pa.	June 17
June 29	Gravel—Louisiana	June 10
June 29	Cement, etc.—New Orleans, La.	June 10
June 29	Wire Cable, etc.—Phila., Pa.	June 17

News of New Work

Waterworks

Proposed Work

Mass., East Boston (sta. Boston)—City, Dept. Pub. Wks., Boston, plans 1 story, rein.-con. and brick pumping station, Porter St., here. $600,000. Engineer not selected.

Mass., Greenfield — Town, Waterworks Dept., plans pumping station near Green River. $40,000. E. M. Schneck, Greenfield, engr.

N. Y., Rochester — Making surveys doubling present 30 m.g.d. water supply. Hazen & Whipple, 25 West 43rd St., New York City, consult. engrs. C. A. Poole, city engr.

Pa., Kennett Square—Soon takes bids 1 m.g. filtration plant. Albright & Mebus, 1502 Locust St., Phila., consult. engrs.

D. C., Wash.—Dist. Comrs., Dist. Bldg., plans mains in various streets. $425,000.

N. C., Elizabeth City — Election soon $480,000 bonds, waterworks. W. C. Olsen, Elizabeth City, engr.

Fla., St. Petersburg—Plans water supply. N. S. Hill, Jr., 112 East 19th St., New York City, engr.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Miss., Lula — Bd. Water Comrs., N. Yeates, secy., rejected bids May 1, 50,000 gal. steel tank on 100 ft. tower, centrifugal pump, 5 hp. motor, 7½ hp. gas or oil engine, 11,000 ft. 2- to 6-in. c.i. pipe, 15 gate valves, 14 fire hydrants, etc. Will readvertise. Southern Eng. Co., Clarksdale, engrs. Noted Apr. 22.

Tenn., Hohenwahl—Making preliminary surveys complete waterworks. $50,000. Klyce & Harrub, 4th & 1st Natl. Bank Bldg., Nashville, engrs.

Tenn., Johnson City—Making preliminary plans and surveys new water supply, 8 to 10 m.g. daily capacity. $500,000-$1,000,000. J. B. McCrary Eng. Corp., Citizens Southern Bldg., Atlanta, Ga., engrs.

Ky., Franklin—Election probably in Fall, $40,000 bonds, improving and extending waterworks.

O., Cincinnati—Hamilton Co. plans 21,068 ft. 6 in. c.i. mains in Water Supply Line 16, Dist. 1. $49,326. C. Boyatt, Court House, engr.

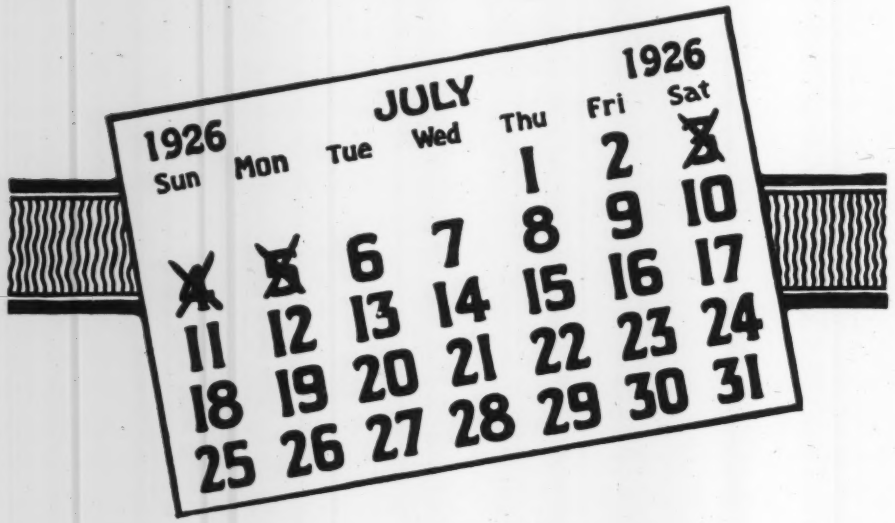
O., Parma (Cleveland P. O.) — See "Sewers."

Mich., Royal Oak (Ind. br. Detroit)—Making plans extending 25,190 ft. 6- to 12-in. c.i. mains, etc. in various streets. R. B. Fleming, city clk.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., wrecking buildings west of engine room and constructing concrete foundation and retaining wall for 60 x 176 ft., brick, concrete and steel addition to North Point Pumping Station, to Siderits Constr. Co., 1591 2nd St., $60,700. Noted June 3.

S. D., Pierre—Making plans waterworks, pumping station, reservoir, etc. $100,000 bonds voted. Burns & McDonnell Eng. Co., Interstate Bldg., Kansas City, Mo., consult. engrs.

Constr. News page 380



Concrete Placed and Ready for Use with Least Interruption to Business

Obtain *Strong* Concrete in *3 Days* over July Fourth Holiday

Frequently repairs or improvements must be made with the smallest possible interference to business, such as sidewalks, driveways or machine foundations.

You can take advantage of the holiday period over July 4 and 5 to make vital repairs and improvements available with the least interruption to business. By using well-authenticated methods and standard *Universal* cement, the same quality *Universal* regularly used, you can obtain *strong* concrete in *3 days*.

Concrete placed according to these methods on July 2 will interfere with business only on Friday and a half day Saturday, as Sunday and Monday are holidays. The work will be ready for use, Tuesday, July 6.

Detailed information on the methods for obtaining *strong* concrete in *3 days* with standard *Universal* cement for use over all such holiday periods or on any rush jobs will be sent promptly on request. Simply use the coupon below.

Universal Portland Cement Co.
210 South LaSalle Street, Chicago.
Please send me details on how to obtain *strong* concrete in 3 days with standard *Universal* cement.
Name .....
Address .....
.....

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

Mo., Kirkwood — Making preliminary plans extending water distribution system. $150,000 up.

Mo., St. Louis—Bd. Pub. Wks., 208 City Hall, sub-structure for engine house at Howards Bend Waterworks plant, St. Louis Co., to Frazier-Davis Constr. Co., Arcade Bldg. $227,390. Noted May 6.

Ark., Atkins — Soon takes bids waterworks. $132,000. Ford & MacCrae, Gazette Bldg., Little Rock, engrs.

Ark., Marianna — Making preliminary plans improving machinery and larger distribution mains in various streets, incl. new pumping equipment, ground tank, filter plant, etc. $100,000. E. P. Douglas, City Hall, engr.

Ark., Prairie Grove — Soon takes bids gravity waterworks, incl. 3 mi. 12 in. vitr. clay flow line, 5 mi. 4- to 8-in. c.i. pipe, concrete reservoir, filtration plant, etc. $75,000. E. M. Ratliff, Stone Building, Fayetteville, engr. Noted Jan. 14.

Tex., Harlingen—Election June 22, $25,000 bonds, extending mains in new residential districts. Address Mayor.

Tex., Kyle — Defeated $60,000 bonds, waterworks plant. Address Mayor. Noted Apr. 30.

Tex., Lisbon—Making preliminary plans complete waterworks. $65,000. Dalton & Parker, Wilson Bldg., Dallas, engrs.

Tex., Lorenzo—Making preliminary plans tank, tower and distribution system. $40,000 bond election soon. Montgomery & Ward, 545 Harvey-Snider Bldg., Wichita Falls, engrs.

Tex., Muleshoe — Election soon $40,000 bonds, waterworks improvements incl. tank and tower, distributing system, etc. Montgomery & Ward, 545 Harvey Snider Bldg., Wichita Falls, engrs.

Tex., Yoakum — Election soon $50,000 bonds, improving water and light plant, extending mains, etc. W. S. Winfree, city mgr.

Okla., Boise City—Making plans 2 mi. 1½- to 6-in. galvanized pipe, pumping plant, 50,000 gal. capacity aerial tank, 40 to 60 hp. oil or gas fuel engine. $18,000. E. W. Gantt Eng. Co., West Main St., Oklahoma City, engrs. Noted June 3.

Okla., Chickasha—Making plans waterworks. $125,000. R. O. Bradley & Co., Chickasha, engrs.

Okla., Covington—Soon takes bids 2 mi. waterworks extensions. $50,000. C. A. Wood, Stillwater, engr. Noted May 13.

Okla., Cushing—Election soon $75,000 bonds, extending mains in various streets. T. C. Orr, mayor. Engineer not selected.

Okla., Wheatland — City Council made preliminary plans new waterworks. $17,000. J. N. Hayes, mayor. Engineer not selected.

Idaho — Montpelier — Making surveys improving waterworks, etc. Burns & McDonnell Eng. Co., Rives-Strong Bldg., Los Angeles, Calif., engrs.

Calif., Vallejo—Making specifications automatic pump, increasing water supply in Capitol Street Hill Dist. T. D. Kilkenny, city engr.

Ont., Fort Erie—A. E. Seaton, town clk., plans watermains in Albert, Murray and North Sts.; also sewer from Bertie to Murray St. and through Albert St. $35,000.

Ont., Sudbury—Town Council plans 6 in. up c.i. mains etc. in various streets. $23,000. F. C. Lane, Sudbury, engr.

Cuba, Santiago — Dept. Pub. Wks., making plans water supply system, incl. 25 mi. pipe line, 2 dams, 3 mi. tunnel, filter plant, etc. delivering 20-25 m.g. per day. $6,000,000. Holway Eng. Co., 505 New Wright Bldg., Tulsa, Okla., engrs. Noted May 20.

Bids Desired

Mass., Quincy (Ind. br. Boston)—June 24, by Dept. Pub. Wks., c.i. mains in various streets, Contrs. 9 and 10. $30,000. J. J. Cosgrove, comr.

N. Y., Babylon—June 23, by Long Island Park Comn., 302 Bway., New York City, supplying and installing water supply, etc., at Belmont Lake Park, here.

N. Y., Long Island City — June 18, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Elmhurst, Lamont, 5th, Herrick, 34 and 43rd Aves., etc., here.

N. Y., New York — June 18, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Bryant, Garrison, Jerome, Longfellow, Dekalb, Harrison, Mosholu Aves., etc., Bronx Boro.

N. Y., St. George — June 18, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains, etc., in Butcher Lane, Hylan Blvd., Harbor View Court, Arthur Kill and Great Kill Rds., Bogert, Cloverdale, Craig Aves., etc., here.

N. J., Newark—June 30, (extended date), by T. L. Raymond, dir. Dept. Pub. Affairs, City Hall, Echo Lake Dam, etc.; adv. E. N.-R. June 17. Noted June 3.

Miss., Jackson — June 21, by R. L. Brown, secy. State Hospital Removal & Land Sale Comn., Box 40, drilling two 800 to 1,000 ft. deep wells, with flow 1,000 gal. capacity per min., etc.

O., Berea — July 1, by Clerk and Bd. Trustees Pub. Affairs, water station improvements. G. Champe, Toledo, consult. engr.; adv. E. N.-R. June 17.

O., Dayton—June 25, by G. F. Baker, dir. Pub. Serv., 1,200 ft. 72 in. and 12,700 ft. 84 in. pre-cast rein.-con. pressure mains in various streets. $400,000. W. W. Morehouse, 2643 North Main St., supt. waterworks.

Ind., Jeffersonville — June 19, by Bd. Town Trustees, mains in various streets. $18,500. R. L. Robison, clk.

Mich., Riverview (mail Angling)—June 22, by J. Hale, village clk., R. F. D., Wyandotte, extending 11,900 lin.ft. mains, etc., in various streets. R. A. Murdock Co., 602 Transportation Bldg., Detroit, engr.

Ill., Libertyville—See "Sewers."

Wis., Milwaukee — June 21, by Central Bd. Purchases, J. W. Nicholson, ch. buyer, 1,135 tons 30 in. and 418 tons 20 in. straight Class "C" water pipe.

Minn., St. Cloud—June 25, by J. D. McKenzie, city clk., constructing 3 m.g. filtration plant, incl. 750,000 gal. concrete reservoir, filter equipment, etc. $60,000. L. P. Wolff, 903 Globe Bldg., St. Paul, engrs. This corrects report in June 10 issue.

Calif., Fairfield — Supervs. Solano Co., taking bids and open same about July 5, c.i. pipe, valves, and hydrants for water system in Vallejo Annex. $40,000. F. A. Steiger, Fairfield, co. surv.

Calif., South Pasadena (Ind. br. Pasadena) June 23, by N. A. Hewitt, city clk., 2,500 ft. 12 in. "B" c.i. pipe with Class "D" gates and fittings.

Bids Received

N. Y., Sonyea—Superintendent Purchase, Capitol, Albany, June 10, replacing and extending watermains, etc. at Craig Colony, here, from J. P. Calahane, 540 East 2nd St., Jamestown, Proposal (1) $21,925 (2) $14,210 (3) $9,930; and from W. Sheahan, 140 South 11th St., Olean (4) $6,450. Noted May 27.

N. J., Rahway—Bd. Water Comrs., June 7, coagulation basin, new filter plant, etc., from Fuller Constr. Co., 95 Monmouth St., Red Bank, $76,065. Noted May 20.

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, June 8, Contrs. 795 and 818, from Acme Machine Co., 316 North 7th St. $34,398 and $21,597 respectively; Contr. 801, from P. and A. J. Ellis, 4th and Wyoming Sts., $249,623; and Contr. 826, from M. and J. B. McHugh, 892 North Markoe St., $41,963. Noted June 3.

O., Cincinnati—Hamilton Co., 31,924 ft. 6- to 8-in. c.i. mains in Water Supply Line 27, Dists. 4 and 5, from Crumley, Jones & Crumley, 906 Main St., $47,580. Engrs. est. $49,418. Noted Apr. 15.

O., Cleveland—Cuyahoga Co., June 2, 9,600 ft. 6- to 16-in. c.i. mains in Clague, Hall and Dover Center Rds., from F. Hadded, Davis & Farley Bldg., $47,520.

O., Cleveland — Comrs. Cuyahoga Co., 18,006 ft. 6 and 12 in. c.i. mains in Cahoon, Bassett and Bradley Rds., Impvt. 1053, from F. Hadded, Davis & Farley Bldg., $81,691.

Okla., Stillwater — Agricultural and Mechanical College making preliminary plans 38,000 ft. 10 in. c.i. water supply from Cimarron River. $125,000. J. Hicks, Baniff Bldg., Oklahoma City, engrs.

Wash., Seattle—Bd. Pub. Wks., May 28, from J. L. Smith, 304 West 36th St., mains in Ashworth Ave. et al, 1,110 lin.ft. 6 in. c.i. pipe at $1.40 per ft., 9,420 ft. 8 in. $1.80, four 6 in. valves, $23, eighteen 8 in. valves, etc., $32, etc., total $58,013. Engrs. est. $63,184.

Contracts Awarded

Mass., Lakeville — Commonwealth of Massachusetts, Dept. Pub. Wks., Boston, pumping station for Lakeville Sanatorium, at Clear Pond, here, to F. A. Mazzur Co., 141 Milk St., Boston, $19,940. Noted June 14.

Mass., Quincy (Boston P. O.)—Cast iron mains in various streets, Contr. 5, to J. D. Williams, 17 Quincy St. Engrs. est. $15,000. Noted May 20.

Mass., Reading—For 4,600 ft. mains, etc. in various streets, to A. Cefalo, 316 Belgrade Ave., Rosindale. Engrs. est. $15,000.

Mass., Worcester — M. J. Whittal Assn., Brussells St., 2 story and basement, 30 x 105 ft. water storage plant, rein.-con. and brick, to E. Whitehead, 62 School St. Archts. est. $40,000 or more. Noted June 10.

O., Cincinnati—Hamilton Co., 6,800 ft. 4- to 6-in. c.i. mains in Water Supply Line 32, Dist. 1, to Crumley, Jones & Crumley, 906 Main St., Cincinnati, $11,684. Engrs. est. $15,010.

O., Cincinnati—Hamilton Co., 5,820 ft. 6- to 10-in. c.i. mains in Water Supply Line 31, Dist. 4, to Crumley, Jones & Crumley, 906 Main St., $17,188. Engrs. est. $20,431. Noted Apr. 15.

O., Cleveland—Cuyahoga Co., 12,000 ft. 6- to 24-in. c.i. mains in Clifton Blvd. and Sloane Rd., Impvt. 655, to D. Lowensohn, 3810 Woodland Ave., $158,740. Noted June 10.

O., Cuyahoga Falls — Mains in Akron Gardens allotment to L. Crano, 274 Crosby St., $21,336. Engrs. est. $25,000.

O., Lakewood (Cleveland P. O.) — See "Sewers."

Ill., Chicago—Bd. Local Impvts., Room 207, City Hall, water service mains in Archer Ave. from South Kostner to South Cicero Aves., and West 63rd St. from South Cicero to South Lavergne Aves., to Washington Plumbing & Heating Co., 461 North Halsted St.; in Avenue F from East 103rd to East 106th Sts., in Ottawa Ave. from Imperial St. to Ozanam Ave., and Oshkosh Ave. from Avondale to Ozanum Aves., to Walsch & Metzger, 6828 South Chicago Ave.; in North Marmora Ave. from Wellington to Belmont Aves., to D. Hardin, 3139 Indiana Ave.; in Roscoe St. from North Austin to North Meade Aves., and in Roscoe St. from North Meade to North Melvina Aves., to J. J. Renn, 6649 North Ashland Ave. Noted Apr. 1 and 22 under "Streets and Roads."

Ill., Libertyville—Village Clerk, 13,190 ft. 6- to 14-in. c.i. pipe, 30 hydrants, 15 gate valves, etc., to O'Brien Bros., 1923 North Kildare Ave., Chicago, $29,500. Noted May 27.

Wis., Edgerton — C. A. Hoen, city clk., drilling new well, to W. J. Thorne Co., Des Plaines, Ill.; engine-driven pump, to Amer. Well Wks., Aurora, Ill.; and 6 in. meter, to General Electric Co., 230 South St., Chicago, Ill. Noted May 20.

Wis., Westby—See "Sewers."

Neb., Grand Island—City, H. E. Clifford, clk., setting two 700 hp. Connelly water tube boilers with breaching boiler feed pumps, coal handling equipment, etc., to Donovan Constr. Co., 1101 Builders Exch. Bldg., St. Paul, Minn., $82,000. Noted Apr. 22.

Ariz., Chandler—Water system, incl. c.i. mains, pumping plant, etc., to Fisher & McCall, 1115 Euclid Ave., Santa Monica, Calif., $50,422; and 100,000 gal. steel tank on tower, to Pittsburgh-Des Moines Steel Co., Rialto Bldg., San Francisco, Calif., $8,423.

Calif., Ontario—To Crane Co., 319 East 3rd St., Los Angeles, for 6,500 ft. 4 in. pipe at $0.5012 per ft., and 2,800 ft. 6 in. pipe $0.883.

Calif., Pasadena — City, Calaveras St. Reservoir, to W. Warne, Transportation Bldg., Los Angeles, $31,997. Noted June 3.

Ont., Windsor—For 3 stage centrifugal, 12 m.g. per day pump, with electric motor and steam turbine drive, to Turbine Equipment Co., 73 King St. W., Toronto. Engrs. est. $25,000.

Sewers

Proposed Work

Mass., Somerville (Boston P. O.)—Plans main drainage system from various sections emptying into Mileers River. $25,000. Private plans. E. H. Bigelow, comr. Pub. Health.

N. J., Tenafly—Soon takes bids sewers and disposal plant. $600,000. Fuller & McClintock, 170 Bway., New York City, engrs.

N. C., Elizabeth City — Election soon $110,000 bonds, sanitary sewers, also $32,000 bonds, storm sewers in various streets. W. C. Olsen, Elizabeth City, engr.

Pa., Phila.—See "Contracts Awarded."

Ga., Rossville — Election soon $80,000 bonds, sewers in various streets. J. S. Alsobrook, mayor.

Ga., Savannah—Election June 29, $250,000 bonds, for drainage and sewers in various streets.

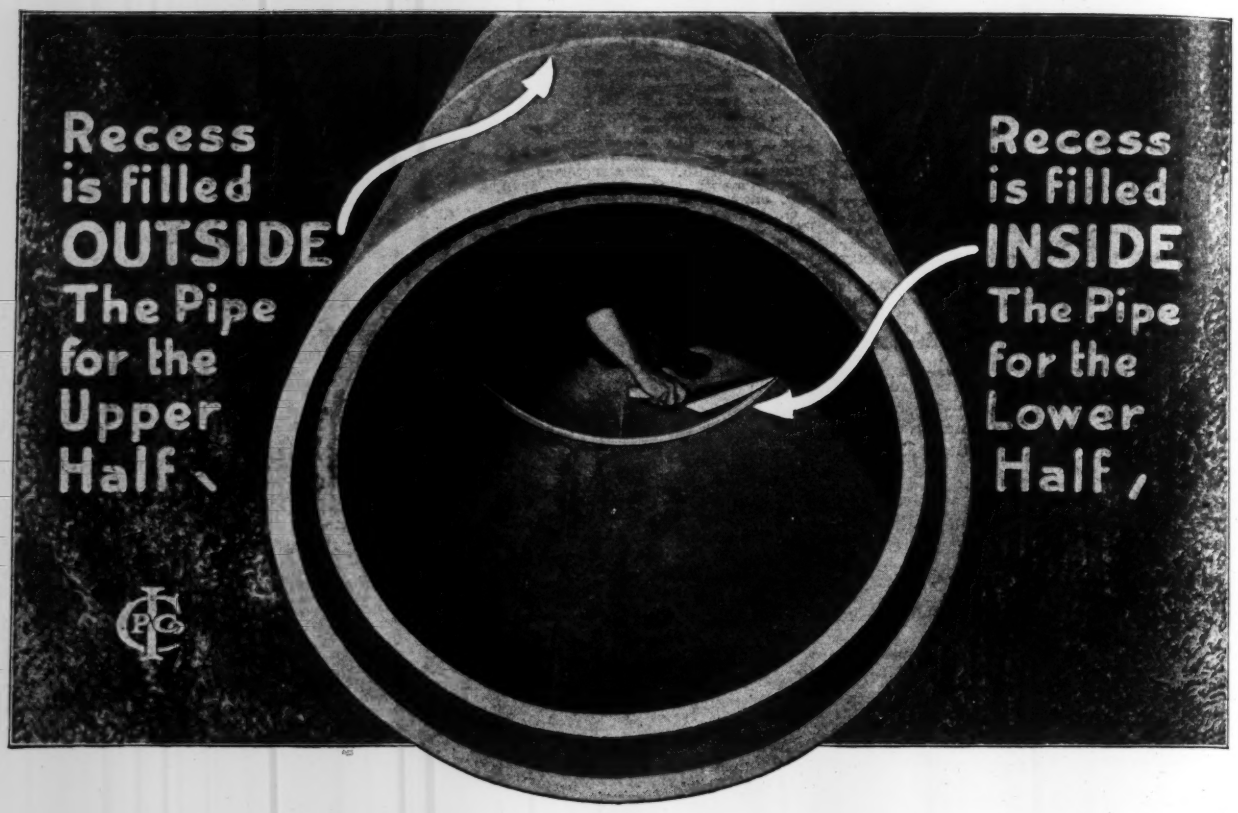
Ga., Valdosta—See "Streets and Roads."

La., Bunkie—Takes bids about July 15, for complete sewerage system. $160,000. H. A. Mentz, Citizens Bank Bldg., Hammond, engr. Noted May 27.

Miss., Ittabena — Town retained H. A. Mentz, engr., Hammond, La., to prepare plans, sewerage system.

O., Parma (Cleveland P. O.) — Village takes bids in summer sewer and watermains in various streets. To exceed $25,000. R. F. MacDowell, Court House, engr.

Constr. News page 381



"Recessed Joints" are Easier to Seal

ALL INDEPENDENT Reinforced Concrete Sewer Pipe have "Recessed Joints" — an exclusive feature which makes possible large savings of time, labor and material in laying and joining the precast pipe units.

"Recessed Joints" have these important advantages:

1. All joints are flush—exterior of pipe is uniform. No flaring bell ends—no extra excavation.
2. Clean, smooth interior assures free, continuous flow.
3. Joints are accurately made — pipe units are more easily fitted.
4. Easy to seal—joint recesses are readily filled with a stiff cement mortar—INSIDE the pipe for the *lower* half, OUTSIDE the pipe for the *upper* half. An important feature when laying pipe in difficult soil conditions!
5. Quicker work. As soon as each unit is fitted and aligned, joints can be sealed and trench backfilled.
6. No experts needed. Any man can seal these simple joints, speedily and efficiently.
7. Strong and tight. INDEPENDENT Joints, when properly made, are permanently strong and tight—preventing leaking and infiltration.
8. Curved sewers are easy to lay—joints are simply opened to give the desired curve, forms placed and openings poured.

The many other advantages of INDEPENDENT Pipe will appeal to contractors, engineers and city officials. Write, wire or phone us.

Independent Concrete Pipe Company
202 N. West Street, Indianapolis, Ind.

INDEPENDENT PIPE

Sewers (Continued)

Ind., Frankfort — City retained C. H. Hurd, engr., Merchants Bank Bldg., Indianapolis, to design sewage treatment plant.

Ind., Indianapolis — Made plans sewer in Westfield Blvd. from Illinois to 46th Sts. $213,000. G. G. Schmidt, City Hall, engr.

Mich., Battle Creek — Making plans sewage disposal plant. $800,000. Fuller & McClintock, 170 Bway., New York City, engrs.

Mich., Detroit—Made plans 5,254 ft. 12- to 24-in. vitr. sewer in Lateral 4578, 13,572 ft. Lateral 4597, and 6,196 ft. Lateral 4602; 1,480 ft. 12- to 20-in. Lateral 4593, and 3,088 ft. Lateral 4601; 4,948 ft. 12- to 18-in. Lateral 4613, and 570 ft. 18- to 20-in. Lateral 4614. P. A. Fellows, City Hall, engr.

Ill., Chicago—Sanitary Dist. of Chicago, 910 South Michigan Ave., soon takes bids first battery of Imhoff tanks, incl. 36 Imhoff tanks each 80 ft. square and 34½ ft. deep, piping, valves, etc., for West Side Sewage Treatment Wks.

Ill., O'Fallon—Making preliminary plans complete sanitary sewerage system. $100,000. E. F. Harper, 630 North 31st St., East St. Louis, engr.

Wis., Rice Lake—O. G. Jensen, city clk., making plans sewage disposal plant. $45,000. J. H. A. Brahtz, 601 Builders Exch. Bldg., St. Paul, Minn., engr.

Ia., Storm Lake—Plans sewage disposal plant several miles from here. $25,000. Currie Eng. Co., Webster City, engrs.

Kan., Ellsworth—Plans complete revamping and extensions of sewage system and disposal plant. $300,000. Will mature next year. S. A. Sulentic Consulting Eng. Co., 224 New England Bldg., Topeka, engrs.

Kan., Salina — Plans sewage disposal plant. $100,000.

Mo., West Plains — Election June 23, $100,000 bonds, sewers in various streets and disposal plant. Russell & Axon, 412 McDaniels Bldg., Springfield, engrs.

Tex., Panhandle—Voted $100,000 bonds, sewerage system. Devlin Eng. Co., Central Bldg., Amarillo, engrs. Noted May 27.

Okla., Pocassett — Making preliminary plans new sewerage system. $26,000. T. W. Clark, mayor. Engineer not announced.

Okla., Oklahoma City—Made plans and takes bids about July 1, sewers in various streets and Deep Fork North Side Sewage Disposal Plant. $225,000. B. M. Hart, city engr.

Calif., Banning—Made plans vitr. sewerage system and rein.-con. sewage treatment tank, etc. in Alola Ave., etc. To exceed $25,000. Olmstead & Gillelen, Hollingsworth Bldg., Los Angeles, engrs.

Calif., Long Beach—Made plans rein.-con. storm drain in Ellis and Canal Aves., etc. To exceed $25,000. R. D. Van Alstine, city engr.

Calif., Los Angeles—Made plans rein.-con. storm drain, etc. in 60th St., 4th and 6th Aves., etc. L. R. Armstrong, city storm drain, engr.

Calif., Los Angeles—Plans concrete and rein.-con. storm drains, etc. in portions Wilshire Blvd., Mariposa and Normandie Aves. To exceed $25,000.

Calif., Stockton—Made plans 15,174 ft. 4- to 12-in. vitr clay sewer, etc., in Bungalow Park. W. B. Hogan, city engr.

Ont., Guelph—Plans 7,500 ft. 8 in. up storm and service sewers in various streets. $37,000. H. S. Nicklin, City Hall, engr.

Ont., Toronto—York Twp. making plans 6,000 ft. 8 in. and up service sewers, etc. in Hollis, Locust, Yeatman, Denarda, Marston and Thornhill Aves. $29,541. F. B. Goedike, 40 Jarvis St., engr.

Bids Desired

Mass., Boston—June 21, by Dept. Pub. Wks., sewerage works in 11th St., etc. $25,000. J. H. Sullivan, comr.

N. Y., New York—June 25, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewer in Ericson Pl., Bronxwood, Monticello, East Tremont and Maitland Aves.

N. J., South Belmar—June 28, by Boro Council, 16,000 ft. 8- to 12-in. vitr. sewer pipe. C. W. Birdsall, civil engr.; adv. E. N.-R. June 17.

W. Va., Huntington — June 21, by Bd. lateral sewers in 12 various alleys, Peidmont Ave. and 27th St. A. B. Maupin, city engr.

Ala., Birmingham — June 22, by City Comn., 15- to 54-in. sewer between 47th and 52nd Sts. at Woodlawn. $150,000. A. H. Hawkins, city engr.

Ky., Fulton—July 12, by T. H. Chapman, city clk., 9 mi. 8- to 18-in. sewerage system. F. L. Wilcox, Chemical Bldg., St. Louis, Mo., engr.; adv. E. N.-R. June 17. Noted Aug. 20.

Mich., Jackson—July 6, by City Clerk, sewage pumping plant, etc. G. D. Kennedy, city engr.; adv. E. N.-R. June 17.

Ill., Libertyville — June 22, by Village Clerk, 330 ft. 18 in. and 9,800 ft. 7 in. vitr. tile sewers, etc., in various streets, $28,000; also water service pipes and house drains, $8,000. Kelker, DeLeuw Co., 111 West Washington St., Chicago, engrs.

Wis., Beaver Dam — See "Streets and Roads."

Wis., Kingsford (Iron Mountain P. O.) — June 22, by C. W. Seiler, genl. mgr. and village clk., 2,924 ft. 10- to 18-in. vitr. clay sewers in various streets, Contr. 3; 11,269 ft. 8- to 24-in., Contr. 4; and 20,726 ft. 8- to 30-in., Contr. 5. Hoad, Decker, Shoecraft & Drury, Ann Arbor, Mich., engrs.

Wis., Milwaukee—June 21, by Dept. Pub. Wks., R. E. Stoelting, comr., 15,173 ft. 8- to 36-in. vitr. or concrete, and 4,932 ft. 6 ft. to 4 ft. 6 in., 3,129 ft. 2 x 3 ft. oval monolithic concrete sewers, etc., in 13 streets.

Minn., St. Paul—June 22, by A. E. Eggert, city purch. agt., constructing Maryland-Como Sewerage System, Contr. D, $250,000; Davern Ave. extension 2, $60,000; and Edgecomb Rd. sewer, $40,000. G. M. Shepard, city engr.

Kan., Topeka—June 22, by Haskins & Crawford, engrs., 824 Finance Bldg., Kansas City, Mo., North Side Sewage Disposal Plant, here, for City. $85,000-$90,000. Noted Jan. 7.

Neb., Hastings—June 23, by A. T. Bratton, city clk., sewage disposal plant and approximately 8,865 ft. 21 and 30 in. outfall sewers, etc., in various streets. $162,254 incl. engineering service. Henningson Eng. Co., Natl. Bldg., Omaha, engrs.

Mo., St. Louis — July 13, by Bd. Pub. Serv., 208 City Hall, 2,790 ft. 8- to 48-in. vitr. clay, brick and segmental block sewer in North Baden Joint Sewer Dist. $29,500. W. W. Horner, 300 City Hall, engr.

Tex., Harlingen—June 23, by City Engineer, 4 mi. sanitary and 3 mi. storm sewer 5 in. various streets. $100,000.

Okla., Prague—June 25, by B. Neiswander, city clk., 40,700 ft. 6- to 12-in. vitr. clay sewerage system and disposal plant. $78,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma Bldg., Oklahoma City, engrs. Noted May 6.

Calif., Glendale — June 24, by City Council, 50,764 ft. 8 and 10 in. vitr. sewer and 29,994 ft. 6 in. vitr. house sewers, etc. in various streets. J. F. Johannsen, city engr.

Calif., Los Angeles—City Harbor Comn. taking bids 2,925 ft. 24- to 36-in. rein.-con. sewer, etc., to serve Fish Canneries.

Calif., Oakland—E. K. Sturgis, city clk., taking bids sewer in portion Wood St., 1,060 ft. 15 in. vitr. sewer with concrete and plank foundation, 1,836 ft. 15 and 20 in. vitr. sewer with concrete and plank foundation and concrete jacket, 535 ft. 10 in. conduit. W. W. Harmon, city engr.

Bids Received

O., Akron—W. F. Peters, dir. Pub. Serv., May 20, (e. e. means engrs. est.), constructing 1,700 ft. Big Cuyahoga River Intercepting Subgrade, from T. E. McShaffrey Constr. Co., 173 South Forge St., $104,800, e. e. $80,000; 2,627 ft. 8- to 24-in. vitr. clay sewer in Morgan Ave., from F. A. Joordano, 1232 Andrus St., $9,503, e. e. $15,000; 3,030 ft. 8 in. vitr. clay sewer in Hardesty Blvd., $8,233, e. e. $12,300; and 2,600 ft. in Dover St., from E. W. McShaffrey Constr. Co., 574 Rhodes Ave., $5,659, e. e. $9,400. Noted May 13.

O., Cleveland—For 1,754 ft. 12- to 24-in. vitr. tile sewer in Pearl Rd., from Amato Constr. Co., 706 The Arcade, $53,222; and 2,870 ft. in West 150th St., from Kassouff & Co., 318 West 25th St., brick $32,080, and concrete $28,993. Noted Mar. 25 and Apr. 15.

O., Clevelannd — Comrs. Cuyahoga Co., 9,000 ft. 8- to 24-in. tile sewer in Overlook Dr., Impvt. 95, from Langenhan Constr. Co., Marshall Bldg., $67,434.

Mich., Detroit—Dept. Pub. Wks., June 2, Ashland Ave. Sewer, Sects. 5 and 4, from Central Contg. & Eng. Co., 17576 Wyoming Ave., $123,442 and $168,205 respectively; Bedford Rd. Sewer, Sect. 4, from P. Cappello, 9329 Kresge Ave., $29,661; Schoenherr Rd. Arm, Ashland Ave. Sewer, from W. Blanck Co., 40 Seven Mile Rd. E., $154,249; Ashland Ave. Sewer, Sect. 3, from Bill Hayes, Inc., 433 Majestic Bldg., $194,670; and Seven Mile Rd. Sewer, Sect. 5, from A. Rossi, 5307 Pennsylvania Ave., $128,459. Noted May 20.

Wis., Milwaukee — J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., June 12, constructing sewage booster station, Fairmount Ave., Whitefish Bay, from Koerting Constr. Co., 39th Ave. and Mitchell St., $38,742. Noted June 10.

Wis., Milwaukee — J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., June 12, from Hoag & Rollins Co., 719 West Liberty St., Louisville, Ky., 10,700 ft lin.ft. special section concrete sewer for Sect. 1, Grand Ave. extension at $27.50 per ft., 729 vertical ft. standard manhole $45, and 298 vertical ft. drop manhole $51. Noted June 10.

Kan., Wathena—Sewerage improvements, incl. septic tank, pavement crossings, vitr. tile pipe, presstite joints, 4 in. c.i. siphon, etc., from Schmidt & Devlin, St. Joseph, Mo., $30,183.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, June 8, constructing vitr. clay, brick and segmental block sewers in Glaise Creek Dist. 26, from Hogan Contg. Co., Melbourne Hotel, $55,702, engrs. est. $73,000; and Sect. F, Ohio-Montrose Public Relief Sewer, from Fruin Colnon Constr. Co., Merchants Laclede Bldg., $55,721, engrs. est. $59,000. Noted May 13.

Calif., Long Beach—H. C. Waughop, city clk., May 25, from J. Artukovich, 626 North Bunker Hill, Los Angeles, Pump Sewer Dist. 6 (Burnett St., etc.), 51,976 ft. 8 in. vitr. pipe at $1.50 per ft., 4,074 ft. 10 in. $2, 4,183 ft. 12 in. $2.50, 5,218 ft. 18 in. $5, 152 ft. 14 in. c.i. pipe at $15, etc., total $173,383.

Calif., Los Angeles—For complete sewer and 15,619 ft. house connections in Hayworth Ave., from R. A. Watson, 1026 North McCadden Pl., $55,260.

Calif., Los Angeles — Supervs. Los Angeles Co., from Dalmatin & Nikevich, 841 West 62nd St., sewer in Co. Impvt. 140 (West Hollywood and Sherman Sts.), 50,148 ft. 8 in. vitr. main at $1.38 per ft. 7,715 ft. 8 in. D. & W. S. vitr. pipe $1.85 3,890 ft. 10 in. vitr. main $1.58, 1,875 ft. 10 in. D. & W. S. vitr. pipe $1.95, 680 ft. 12 in. vitr. main $1.85, 1,035 ft. 12 in. D. & W. S. vitr. pipe $2.05, 945 ft. 15 in. vitr. main $2.35, 500 ft. 15 in. D. & W. S. vitr. pipe $4.20, 20,300 ft. 6 in. vitr. house connections $1.35, 5,220 ft. 6 in. D. & W. D. house sewers $1.60, etc. total approximately $170,500. Noted May 27.

Contracts Awarded

N. Y., Brooklyn — J. A. Guider, pres. Brooklyn Boro, Boro Hall, to R. Nazarro, Inc., 7101 Metropolitan Ave., sewers in 64th St. $6,184, 72nd St. $3,997, and 12th Ave. $3,265; to S. Guerriero, 124 66th St., East 17th St., $2,095; to Manmill Contg. Co., 2035 Douglass St., Ave. R., $25,540; and to A. W. Matarazzo, 1163 61st St., Linwood St. $2,945. Grand total $44,026. Noted June 3.

N. Y., Long Beach—Sewers in Easthome and Westhome Sections, to H. Anderson, Fulton St., Long Beach, about $56,000.

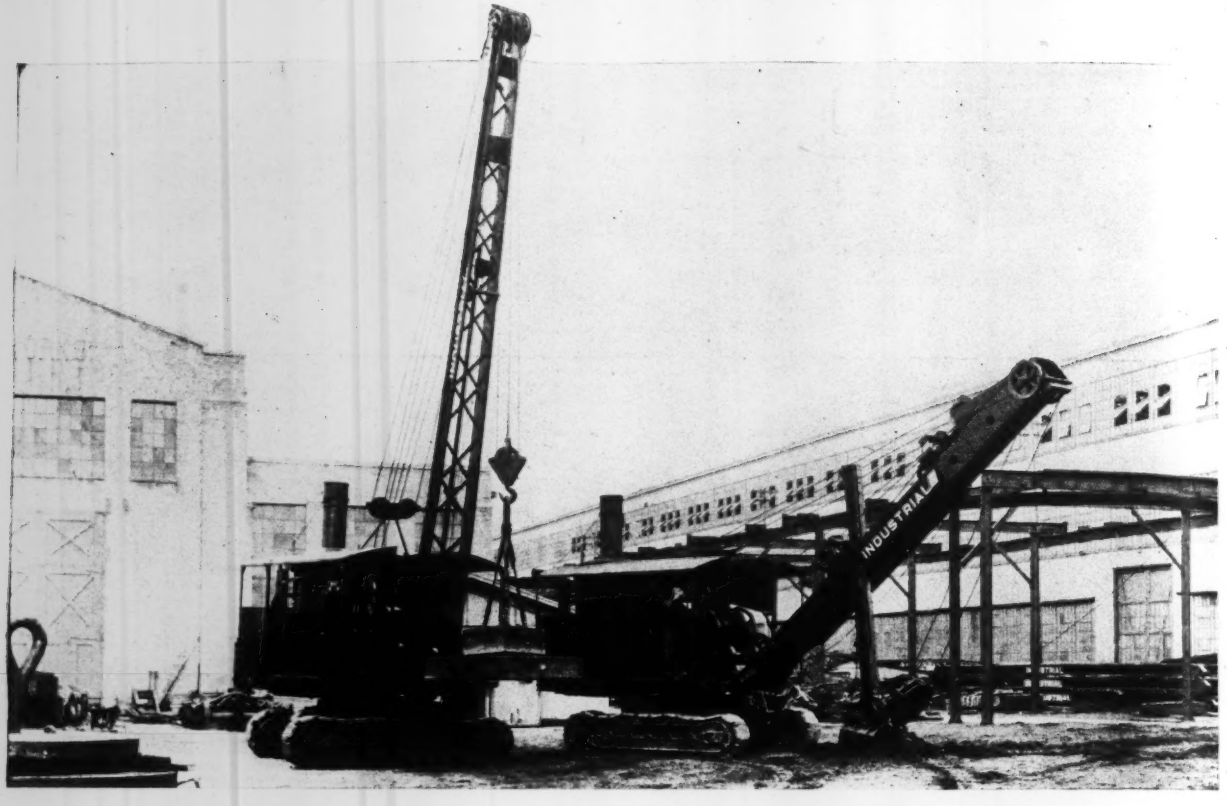
N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewers, etc. in Rhinelander and Hobart Aves. to F. Gabrielle, 2750 Creston Ave., $14,250 and $5,285 respectively; East 234th St., to F. Spadaro, 3883 Paddington Ave., $8,910; and Riverdale Ave., to Anita Constr. Co., 2975 Marion Ave., $52,825. Grand total $81,270. Noted June 10.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, to P. Pincialli, 4103 Roosevelt Blvd., main sewer in Belden and Chissler Sts., $13,766; to F. Di Pasquale, 1215 South 7th St., 74th Ave., $18,536; to McIntyre Constr. Co., 6811 North Franklin St., Spencer St., $30,574; to J. Lombardi, Lincoln Bldg., Tudor St., $21,561; to J. J. McHugh, 1617 Race St., Bensalem St., $12,646; to F. T. Buckins, Jr., 4050 Kensington Ave., Gowen Ave., $19,392; and to V. S. Campellone, 812 West Venango St., Courtland St. $5,495, National St. $2,247, St. Vincent St. $12,184, and Yocum Ave. $39,232. Grand total $175,633. Noted June 10.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, sewers in Germantown Ave., to W. H. Yetman, Lincoln Bldg. $48,432, Godfrey Ave., to P. and A. J. Ellis, 4th and Wyoming Sts. $21,532, and Mifflin St., to Perna Eng. & Constr. Co., 739 South 8th St. $44,171; removing present and constructing new sewers in 11th St., to Mazzola & Marano, 739 South 7th St., $120,940; rejected bids test borings for bridges. Grand total $235,075.

D. C., Wash.—District Comrs., District Bldg., to W. F. Brenizer Co., Asbury Park.

Constr. News page 382



The proof of the pudding—

EVERY INDUSTRIAL machine is fully tested under its own power on the INDUSTRIAL WORKS test track before shipment. Full capacity loads, both at maximum and minimum radii are actually lifted and swung and all functions of the machine are thoroughly tested.

A service test of continuous operation is also run to insure that all parts work properly and that all bearings and clutches are properly adjusted for operation, so the purchaser is assured of receiving a machine with all adjustments made, and that has been fully tested. These tests are not of a perfunctory nature, but are detailed and exacting, and are made by an independent final testing department to check the finished work of the various shop departments and to detect any maladjustments or hidden weakness. A certified test report giving a brief summary of its test is posted in each machine before shipment. A representative of the purchaser will be welcome at this test.

Considerable expense is involved in providing the facilities and in carrying out, so scrupulously, all the preliminary and final tests. The value to the customer, however, cannot be overstated. He is thereby assured of a machine built of tested units of ample size and proven quality, and one which, after completion, and under it own power, has demonstrated its fitness to do its work. By building quality into INDUSTRIAL products the purchaser secures safety, durability and long-continued efficient service—another reason why INDUSTRIALS excel.

Products: Locomotive cranes 5 to 200 tons capacity, freight cranes, pile drivers, clamshell buckets.

INDUSTRIAL WORKS · BAY CITY · MICHIGAN

Sewers (Continued)

N. J., service sewers in vicinity 44th and Albemarle Sts. $7,351, 16th St. and Nicholas St. service sewers $3,365, Longfellow St. and Kansas Ave. Sewers $7,880, relining old Tiber sewer $34,995, Rock Creek Hills Service Sewer $3,744, Whittier St. Service Sewer $1,431, Eckington combined system sewers $2,166, 16th and Geranium Sts. Sewer $3,594, Tunlaw Rd. and W Pl. Service Sewer, $2,752; to Aiello Constr. Co., Gough and 4th Sts., Baltimore, Md., 13th Pl. Service Sewer $1,949, Foxball Village Service Sewer $4,031, and Watts Branch Sanitary Sewer $34,358; to J. A. Forbes Co., 540 7th St. N. W., Piney Branch Trunk Sewer, Sect. 13, $66,780, and Cathedral Ave. Service Sewer $3,880; to A. McCandish Co., Inc., Wash., D. C., 16th St. and Ridge Pl. sewer, $1,277; to W. H. Angle, Hagerstown, Md., 4th St. and Marietta Pl. Service Sewer, $3,906; to W. A. Pate, Jr., Rockville, Md., Forrest Hills Service and Broad Branch Road Sewers $12,042, also Wesley Heights Combined System $32,622; to M. Cain Co., Inc., 13 6th St. N. E. Oglethorpe So. and Oneida Pl. Service Sewers $9,503. Grand total $237,630. Noted May 20.

Ala., Selma—City Comn., 1½ mi. trunk line sewers, one from Alabama River to 1st Ave., other parallel Valley Creek, giving sewerage to entire city, to F. D. Harvey & Co., Memphis, Tenn., $137,000. Engrs. est. $140,000. Noted May 27.

La., Plaquemine—F. Wilbert, mayor, and Bd. Selectmen, 12,255 lin.ft. 6- to 24-in. sewer in various streets, to Concrete Pipe Co., 2200 Euphrosine St., New Orleans, approximately $9,000, and 4,980 lin.ft. 33- to 72-in. sewer, to Lock Joint Pipe Co., Wilson Bldg., Dallas, Tex., approximately $30,000; and laying pipe, to H. A. Forest, 918 Short St., New Orleans, approximately $35,000. Grand total $74,000. Noted May 6.

O., Lakewood (Cleveland P. O.)—Outfall sewer in Madison Ave., to Randall & Cooper, Lorain, $21,850; also sewer and watermains in Ferndale Ave. and intercepting sewer in Edgewater Dr., to Joseph, Kahnl & Jackson, Prospect-Fourth Bldg., Cleveland, $17,850 and $153,190 respectively. Grand total $192,890. Noted May 27.

O., Portsmouth—Bd. Control, brick sewer in Upper Mill Creek Dist., to J. A. Grimes, Portsmouth, $63,966. Noted May 27.

Ill., Chicago—H. E. Wallace, clk. Sanitary District of Chicago, 910 South Michigan Ave., Calumet Sewage Treatment Wks., Div. K, 82,000 sq.ft. sludge drying beds and appurtenances, incl. 2 ejectors, 1 air compressor, piping, industrial railway, 7 ton gasoline locomotive engine, 18 sludge cars, etc., to Fugitt-Schumann Constr. Co., Evanston, $99,000. Noted Mar. 18.

Ill., Niles Center—For 10- to 33-in. vitr. tile sewers, etc., in various streets, to A. Ranieri, 4523 Montana St., $173,000. Engrs. est. $220,000. Noted May 20.

Wis., Westby—G. Villard, city clk., sewer and water mains, to G. W. Mulholland, 2025 Oxford St., Rockford, Ill., $28,505; and water pipe and valves, to Amer. C. I. Pipe Co., 712 Plymouth Bldg., Minneapolis, Minn., $3,863. Noted May 27.

Ia., Boone — O. Hile, city clk., sewage disposal plant, etc., to McHose Sand & Tile Co., Boone, $90,153. Noted Mar. 25.

Kan., Onaga—Sewers, manholes and disposal plant, to Howard Constr. Co., Tecumseh, Neb., $34,938. Noted May 20.

Tex., Amarillo—For 18,480 ft. 18 in. sewer tile, back filling, etc., to J. Foran, P. O. Box 238, approximately $28,000.

Wash., Anacortes—City Council South Side Sewerage System, to C. Bjork, 2106 Fairmount Ave., $51,491. Engrs. est. $55,000. Noted May 27.

Calif., Los Angeles—Bd. Pub. Wks., constructing Sect. 28, North Outfall Sewer between 12th, Flower, 9th and Hoover Sts., to M. G. Brkich, Douglas Bldg., $66,036. Noted Apr. 29.

Calif., San Diego—Common Council, concrete sewers, etc., in various streets of Normal Heights, to B. Noble, Spreckels Bldg., $127,308. Noted June 10.

Calif., San Fernando—City Council, 54,807 ft. 8- to 16-in. concrete sewers, etc. in North Brand Blvd., Co. Sewer Dist. 2, to Bebeck & Brkich, 425 West 78th St., Los Angeles, $72,815. Noted June 3.

Waste Disposal

Proposed Work

Fla., West Palm Beach—Making plans sewage disposal plant. $3,000,000. Fuller & McClintock, 170 Bway., New York City, N. Y., engrs. Noted May 6.

Contracts Awarded

Tex., Galveston—Bd. City Comrs., 80 ton capacity, brick, tile and rein.-con. incinerator, to Johnson Incinerator Co., Alvin, $43,625. Engrs. est. $60,000. Noted Apr. 29.

Bridges

Proposed Work

Mass., Westfield—Town, Municipal Offices, made plans steel and concrete bridge. To exceed $25,000. Fay, Spofford & Thorndyke, 200 Devonshire St., Boston, engr.

Del., Wilmington — Newcastle Co. made plans one 175 ft. span rein.con. arch bridge known as Rising Sun Bridge over Brandywine Creek. $27,000. D. B. Luten, 1056 Consolidated Bldg., Indianapolis, Inc., engr.

N. C., Forbes—Made plans 3 span, 270 ft. rein.-con. bridge over Toe River. $31,000. D. B. Luten, 1056 Consolidated Bldg., Indianapolis, Ind., engr.

N. C., Henderson — Country Club made plans 1 span, 160 ft. rein.-con. arch bridge over Southern Ry. tracks. $25,000. D. B. Luten, 1056 Consolidated Bldg., Indianapolis, Ind., engr.

Ga., Savannah—Election June 29, $250,000 bonds, viaduct.

Fla., Miami—Making plans 100 ft. span steel and rein.-con. bascule bridge at Northwest 12th St. $200,000. Harrington, Howard & Ash, Orear-Leslie Bldg., Kansas City, Mo., engrs. Noted Feb. 25.

Miss., Columbia — See "Streets and Roads."

La., New Orleans — G. A. Hero, 329 Tchoupitoulas St., and A. S. Hackett, Whitney Blk., plan 1,650 ft. single span toll bridge over Mississippi River, at Jackson Ave. $10,000,000.

Ia., Des Moines—Making plans 51 span 2,285 ft. viaduct over railroad yards at Southeast 6th St. $450,000. K. Kastberg, city engr.

Ia., Ft. Madison—See "Streets and Roads under Contracts Awarded."

Missouri — State Hy. Dept., Jefferson City, making plans three 150 ft. rein.-con. open spandrel arch, six 50 ft. and two 35 ft. rein.-con. deck girder spans, etc., over Osage River, Benton Co.; one 60 ft. steel truss span, etc., on State Project 32, Sect. 3, Dept Co.; two 12 ft. rein.-con. slab spans over stream, three 24 ft. rein.-con. spans, etc., over Brush Creek, nine 35 ft. rein.-con. deck girder and one 80 ft. steel truss spans, etc., over Shoal Creek, all in Putnam Co.; also two 10 ft., rein.-con. slab spans, etc., over stream, Wright Co. B. H. Piepmeier, ch. engr.

Mo., Springfield—S. R. Fisher, city engr., making plans approximately 600 ft. rein.-con. bridge, 28 ft. over Jordan Creek, between Main and Campbell Aves.

Texas — Anderson Co. (Palestine) and Cherokee Co. (Rusk) making preliminary plans 140 ft. rein.-con. and steel bridge across Neches River, on Highway 43. $75,000. E. W. Davis, Palestine, engr.

Tex., Abilene—See "Streets and Roads."

Tex., Albany—See "Streets and Roads."

Tex., Cuero—See "Streets and Roads."

Tex., Ft. Stockton — See "Streets and Roads."

Tex., Lubbock—See "Streets and Roads."

Oklahoma—State Hy. Dept., Oklahoma City, made plans 2 span 220 ft. steel truss bridge over Kiamichi River, at Soper, McCurtain Co., $60,000; and 2 span 90 ft. rein.-con. bridge over Boggy Creek at Armstrong, Bryan Co., $35,000. J. M. Page, Oklahoma City, engr.

Colorado—See "Streets and Roads."

Bids Desired

Mass., Lowell — City, Dept. Streets & Highways, City Hall, taking bids concrete bridge, Beaver St. $25,000. Private plans.

N. Y., Milton—June 23, by Bd. Supervs. Saratoga Co., Court House, Ballston Spa, removing present bridge and constructing steel plate girder highway bridge over Kayaderasseras Creek, here.

N. Y., Tribes Hill — July 9, by T. F. Farrell, comr. Canals & Waterways, Albany, highway bridge floor on movable Dam 8, in Mohawk River, here; adv. E. N.-R. June 17.

N. J., Jersey City—June 24, by Bd. Freeholders Hudson Co., Court House, 64 ft. steel girder bridge connecting Nelson Ave., here, with Grand Ave., North Bergen. F. J. Radigan, co. engr.

Va., Roanoke—July 9 (extended date), by W. P. Hunter, city mgr., Municipal Bldg., rein.-con. arch bridge over Virginian R.R. Tracks at Jefferson and Walnut Sts. B. H. Davis, Whitehall Bldg., New York City, consult. engr.; adv. E. N.-R. June 17.

West Virginia—See "Streets and Roads."

W. Va., Huntington—July 16 (extended date), at office Bd. Comrs., one 100 ft., two 100 ft., and two 29½ ft. steel and concrete bridge over Guyandotte River, at 5th Ave. A. B. Maupin, city engr.; adv. E. N.-R. June 17. Noted May 27.

North Carolina—June 29, by State Hy. Comm., Raleigh, rein-con. bridges and culverts in Gulford, Transylvania, Richmond, Scotland, Davie, Henderson, Chowan, Sampson, Wake, Randolph, and Bertie Counties. $653,200. C. M. Upham, highway engr.

Fla., Vero Beach—July 2, by Vero Beach-Detroit Co., at office Carter & Damerow, engrs., 2,144 lin.ft. creosoted timber trestle, 60 ft. channel span double leaf bascule type bridge, etc. S. C. Wilson, asst. genl. mgr.; adv. E. N.-R. June 17.

La., Clayton—July 15, at office State Hy. Comn., Baton Rouge, Tensas River Bridge, Federal Aid Project 161-C, on Sicily Island-Clayton Highway, Catahoula and Concordia Parishes, near here. W. B. Robert, Reymond Bldg., highway engr.; adv. E. N.-R. June 17. Noted Dec. 3.

O., Cincinnati — June 25, by Comrs. Hamilton Co., 3 span 135 ft. concrete slab bridge, Willey Rd. $31,762. E. A. Gast, Court House, engr. Noted June 10.

Ia., Harlan—June 22, by Auditor Shelby Co., one 120 x 16 ft. high truss bridge with two 30 x 16 ft. I-beam approach spans. F. W. Sarvis, Court House, engr.

Minn., Minneapolis — See "Contracts Awarded."

Minn., St. Paul—See "Streets and Roads."

Tex., Graham—See "Streets and Roads."

Nev., Reno — City Council taking bids concrete bridge over Truckee River, on Center St. $60,000. King & Malone, Caldianos Bldg., engrs. Noted Mar. 18.

California—July 6, by State Hy. Comn., Sacramento, three 70 ft. span rein.-con. bridge over Reeds Creek in Red Bluff, Tehama Co. R. M. Morton, Forum Bldg., Sacramento, engr.

Calif., Stockton—July 6, by Supervs. San Joaquin Co., King Island Cut Bridge, 326 ft. long, 26 ft. roadway, 85,100 lbs. steel swing bridge, 191 ft. superstructure, 57,200 lbs. steel turntable and operating machinery, 24,100 lbs. steel cylinder piers, etc.

Bids Received

Massachusetts—Dept. Pub. Wks., Boston, June 8, concrete bridge and approaches on section highway in Middleborough, from Milliken & Armstrong, Providence, R. I., $20,683; also 2 concrete bridges with bituminous macadam approaches, and 1,350 ft. highway in Conway, from O. J. Kennedy & Co., Inc., Holyoke, $46,529. Noted June 3.

Tex., Beaumont—Jefferson Co., c/o B. B. Johnson, judge, removing hull of 350 ft. Nueces River Bridge, on Highway 3, also anchoring and replacement of fenders destroyed by vessel, from A. C. McFarlane, Beaumont, $59,882.

Contracts Awarded

Va., Alexandria—State Hy. Dept., Richmond, 3 span 98 ft. rein.-con. beam bridge over Huntington Creek, here, Fairfax Co., to R. K. Williams, Bway. Natl. Bank Bldg., Richmond, $25,618. Engrs. est. $28,179.

Fla., Tampa—Hillsborough Co., bridge on creosoted and timber piles over Alafia River, on Tamiami Trail at Gibsonton-on-the-Bay, to E. W. Parker Constr. Co., Stovall-Nelson Bldg. $100,000.

Miss., Wiggins—See "Streets and Roads."

O., Canton — Stark Co., new bridge in Lexington Twp., to P. Dieffenbacher & Sons Co., $25,131. Engrs. est. $25,000.

O., Dayton — Montgomery Co., Court House, superstructure, 180 ft. span steel through truss highway bridge over Bear Creek, on Soldiers Home Rd., to Oregonia Bridge Co., Lebanon, $21,900. Engrs. est. $30,000. Noted Apr. 15.

Ind., Anderson—Madison Co., 4 span 800 ft. concrete bridge, at Moss Island, near here, to E. F. Smith, 2050 South Harding St., Indianapolis, $67,900. Engrs. est. $100,000. Noted Jan. 28.

Ind., Shelbyville—Shelby Co., Marion Rd. Bridge, three 82 ft. span, rein.-con. arch over Big Blue River, to Natl. Concrete Co., 825 Lemcke St., Indianapolis, $37,000.

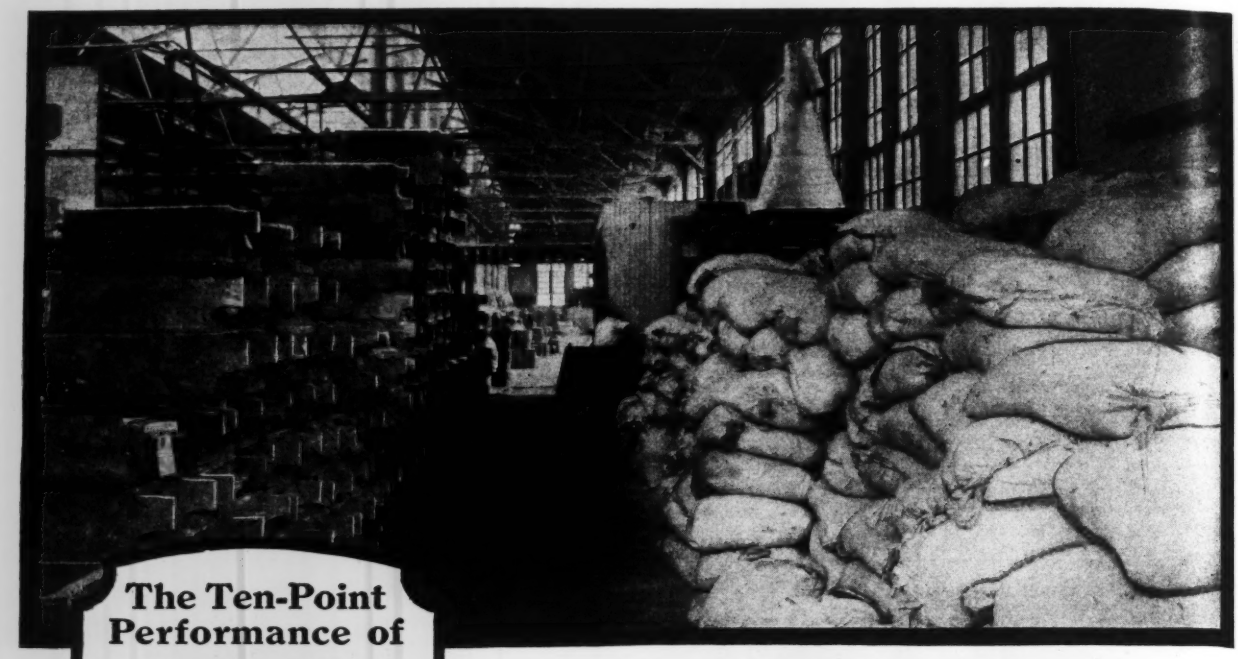
Wis., Milwaukee — Park Bd., F. Schumacker, secy., concrete, stone and carpentry, etc. for Mason St. Bridge, to Bentley Bros., 808 South Pierce St., $89,265. Noted May 20.

Ia., Allison—Butler Co., one 70 x 20 ft. pony truss bridge with six 32 x 20 ft. I-beam approaches, on Federal Aid Project 274, to A. Olson Constr. Co., 401 Black Hawk Bank Bldg., Waterloo, $25,645.

Ia., Waterloo—See "Streets and Roads."

Minn., Minneapolis — F. S. Gram, city purch. agt., City Hall, will build five 93 ft

Constr. News page 38



Heavy loads—excessive heat—a vitrified brick foundry floor.

The Ten-Point Performance of

VITRIFIED PAVING BRICK

in Industrial Service

1. *Long-wearing*
2. *Little or no maintenance cost*
3. *No cracking and crumbling*
4. *Non-rutting*
5. *Non-dusting*
6. *Non-absorbent*
7. *Non-skid—safe*
8. *Acid-proof*
9. *Easily cleaned*
10. *Easily lifted and relaid.*

INDOORS—OUTDOORS

wherever traffic is heavy

Exact specifications for specific uses gladly furnished on request.

They Stand the Gaff!

BRUTAL traffic—excessive heat—spattering acid—bare metal truck wheels—dumped loads—hold no terrors for the fire-hardened toughness of vitrified brick—the paving material without an equal in heavy industrial service.

VITRIFIED Brick PAVEMENTS

NATIONAL PAVING BRICK MANUFACTURERS ASSOCIATION, ENGINEERS BLDG., CLEVELAND, OHIO

Bridges (Continued)

and two 265 ft. span rein.-con. bridge, 40 ft. roadway, and two 8 ft. sidewalks over Mississippi River, at Cedar Ave., by day labor, under supervision of N. W. Elsberg, city engr. $891,000. Noted June 3.

Kan., Alma—See "Streets and Roads."

Tex., Georgetown — See "Streets and Roads."

Tex., Palestine—Anderson Co., 34 span, 1.09 mi. rein.-con. girder and steel span bridge across Trinity River, to Austin Bridge Co., 1815 Clarence St., Dallas, $159,128. Engrs. est. $240,000. Noted June 10.

Idaho, Kooskia — State Hy. Dept., 202 Pioneer Bldg., Lewiston, P. E. Oxley, dist. engr., constructing 546 ft. steel bridge over Clearwater River, on Federal Aid Project 83-A, Idaho Co., here, to Vincennes Bridge Co., Ogden, Utah, $73,424. Noted May 6.

Washington—See "Streets and Roads."

Calif., Los Angeles — Los Angeles Co., seven 60 ft. span timber bridge over Los Angeles River, at Slauson Ave., to E. G. Perham, 4711 Willowbrook Ave., $23,500. Noted June 3.

Dams

Bids Desired

Wis., Marinette—Holland, Ackerman & Holland, engrs., 53 West Jackson Blvd., Chicago, Ill., soon let contract 2 hydro-electric dams, one at White Rapids and other Chalk Hill, incl. 14,000 cu.yd. concrete, 130,000 cu.yd. fill and 400,000 bricks, etc., on Menominee River, for Northern Paper Mills, Day St., Green Bay.

Railways

Proposed Work

Massachusetts — Boston Sand & Gravel Co., 88 Broad St., Boston, plans private railroad tracks along Water St. and "The Driftway," in Scituate. $25,000. Private plans.

North Carolina, Florida and Georgia—Atlantic Coast Ry., Wilmington, N. C., J. E. Willoughby, ch. engr., plans system additions and betterments, incl. new equipment at South Rocky Mount, N. C., shops, new trackage and store house facilities, at Rocky Mount, N. C., also plans locomotive repair shop at Tampa, Fla., new shop at St. Petersburg, Fla., new passenger stations at Lake Wales and Orlando, Fla., and automatic signals between Waycross and Albany, Ga. Total $5,500,000.

Tennessee—Nashville, Chattanooga & St. Louis Ry. Co., 930 Bway., Nashville, H. McDonald, ch. engr., plans reconstructing tracks and other yard improvements in connection with opening Broad St., in Chattanooga. $150,000.

Contracts Awarded

Ohio—Central Steel Co., Massillon, grading and constructing tracks and bridges from Baltimore & Ohio R.R. tracks to new blast furnaces, in Massillon, to F. A. Wendling Constr. Co., Massillon, $500,000.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Massachusetts—Commonwealth of Massachusetts, Dept. Pub. Wks., plans shore protective work in West Dennis, and bank of Annisquam River in Gloucester dredging Inner Harbor, Wild Harbor, Falmouth, Smiths Cove, Harwich and Witchmore Harbor. To exceed $25,000. W. F. Williams, comr.

Massachusetts—Commonwealth of Massachusetts, Dept. Pub. Wks., Boston, plans dredging Herring River in Harwich, Essex Canal in Ipswich, Manchester Harbor, Lake Anthony in Oak Bluffs, Town River, Quincy, and repairs and extensions, First Cliff Jetty, Scituate. $25,000 or more. W. F. Williams, comr.

N. Y., Buffalo—Plans cleaning Delaware Park Lake incl. sheet piling and laying pipe line, etc. $250,000. W. O'Day, City Hall, engr. Noted Apr. 1.

La., Shreveport—Caddo Levee Dist., W. A. Kerley, secy., taking bids protecting 2,000 ft. bank Red River, point about 32 mi. below here. Bd. State Engineers, 213 New Orleans Court Bldg., New Orleans, engrs.

Ill., Edwardsville — Silver Creek D. D. making preliminary plans excavating approximately 250,000 cu.yd. in Silver Creek. Sheppard & Moran, Edwardsville, engrs.

Wis., Marinette—See "Dams."

Iowa — Woodbury Co. (Sioux City), Monona Co. (Onawa), and Harrison Co. (Logan), made preliminary plans reclaiming 176,000 acres south of Bronson and Hornick, incl. 2 flood control ditches to drain upper part valley north of Salix and carry water to Missouri River, 27 mi. new main ditch, etc. $575,000. K. C. Gaynor, 525 Trimble Bldg., Sioux City, consult. engr.

Minn., St. Paul—See "Unclassified."

Ark., Texarkana—Miller Co. plans creating drainage district to reclaim 36,540 acres Red River Bottom land. $240,000.

Tex., Galveston—Election June 29, $300,000 bonds, storm drainage. A. C. Kelley, city secy., C. A. Holt, Jr., city engr.

Calif., Alameda — Plans reclaiming approximately 335 acres tidelands between Park St. and Neptune Beach. $45,000. B. Hamilton, city engr.

Calif., Monterey—Plans concrete seawall along waterfront from Scott St. to municipal wharf (now under construction). To exceed $25,000.

Bids Desired

Ky., Morgantown—July 3, at office Bd. Drainage Comrs. Butler Co., 17 mi. ditch 6 to 14 ft. bottom width, 6 ft. average depth, 200,000 cu.yd. excav., etc. E. S. Overstreet, Morgantown, ch. engr.

Ia., Cascade—June 21, at office Auditor Dubuque Co., Dubuque, excavation, drains, walls, flood, etc. on Dubuque-Jones Counties Flood Protection and D. D. 1, here, Sect. 1, 4,470 cu.yd. solid rock excav. in river bed, removing concrete dam and gates, etc., Sect. 2, 50,280 cu.yd. earth excav., 7,720 ft. borrow, 1,100 ft. drainage ditch, dams, etc., Sect. 3, rock rubble masonry walls, 1,600 cu.yd., 630 cu.yd. rein.-con. wall, drainage gates, pipes, etc. H. S. Williams, Atlantic, drainage engr.

Bids Received

Ill., Springfield — Dept. Purchases & Constr., State House, June 8, project 4-D, incl. fabricating, furnishing and erecting miter lock gates, anchorages and culvert valves on Illinois Waterway at Lockport and Marseilles Lock, 2,546,000 lb. structural steel, 26,000 lb. steel casting, 46,000 lb. steel forgings and 59,000 lb. other metal work, from Independent Bridge Co., Neville Island, Pittsburgh, Pa., $332,249. Noted May 20.

Tex., Galveston — J. M. Murch, aud. Galveston Co., June 1, sea wall extension, from J. W. Zempter & Co., 2204 Ave. B. $330,035. Engrs. est. $750,000. Noted Apr. 29.

Calif., La Mesa — Directors La Mesa, Lemon Grove & Spring Valley Irrigation Dist., furnishing valves for pipe line, from Western Pipe & Steel Co., 5717 Santee St., Los Angeles, Los Angeles Manufacturing Co., 2500 East 23rd St., Los Angeles, R. Francis, 93 Wolfe St., San Francisco, Lacy Mfg. Co., 1000 North Main St., Los Angeles, Crane Co., 321 East 3rd St., Los Angeles, and W. M. Supply Co., Los Angeles. Noted May 6.

Contracts Awarded

Massachusetts — Dredging 17,000 cu.yd. material in Gloucester Harbor, to Bay State Dredging Co., 62 East Condor St., East Boston, $22,435 Engrs. est. $25,000. Noted June 10.

Pa., Freeland—M. S. Kemmerer Coal Co., 143 Liberty St., New York City, N. Y., removing approximately 600,000 cu.yd. overburden from coal mine, near here, to Central Pennsylvania Quarry Stripping & Constr. Co., Hazleton.

Wisconsin—Mt. Pleasant & Somers D. D., Circuit Court Room, Court House, Racine, approximately 59,000 cu.yd. excavation in Mt. Pleasant and Comers Twps., to Kremer & Hog, 5025 Harriet Ave., Minneapolis, Minn., $14,343. Noted May 6.

Mo., New Madrid — Morgan Eng. Co., Court House, approximately 2,715,000 cu.yd. excav. from Ditches 2, 3 and 4, for D. D. 38, New Madrid Co., to F. M. Crane, 1420 City Natl. Bank Bldg., Omaha, Neb., $199,485; and constructing bridges and embankments, etc., to R. V. Wills, East Side Constr. Co., Title Guaranty Bldg., St. Louis, $19,611. This corrects report in June 10 issue.

Calif., Grass Valley—A. L. Wisker, secy. Nevada Irrigation Dist., to Western Pipe and Steel Co., 444 Market St., San Francisco, constructing siphon and pipe lines, Contr. 15, $149,188; to C. R. Adams, Colfax, portion Indian Springs unit of Lower Distribution System, Contr. 16 $9,711, portion Pine Knot unit of Lower Distribution System, Contr. 15 $69,191, and portion Upper Distribution System, Contr. 14 $78,734. Grand total $306,824.

Calif., La Mesa — Directors La Mesa, Lemon Grove & Spring Valley Irrigation Dist., furnishing 20- to 26-in. riveted steel welded joint pipe, to Los Angeles Mfg. Co., 2500 East 23rd St., Los Angeles; 1,625 ft. 16 in. National Tubing, to Crane Co., 321 East 3rd St., Los Angeles, $3.173 per ft.; 4,000 ft. 10 in. Class 150 de Lavaud, 12 ft. length pipe, etc., to U. S. Cast Iron Pipe & Fdry. Co., Wright-Callendar Bldg., Los Angeles. Noted May 6.

Ont., Trenton—See "Buildings — Industrial under Proposed Work."

Streets and Roads

Proposed Work

Mass., Brighton (Boston P. O.) — Pub. Wks. Dept., Boston, plans laying out and constructing Antwerp, Benson, Ascot and Cygnet Sts., here. $25,000 or more. J. H. Sullivan, comr.

Mass., Everett (Boston P. O.) — City, Schoolhouse Dept., Boston, plans grading, paving, etc., schoolhouse grounds, Camden St. and Shawmut Ave. $25,000. F. E. Slattery, chn.

Mass., Haverhill — Municipal Council voted $80,000 improving and permanent paving various streets. Private plans.

Mass., Woburn—Voted $27,000 bonds, reconstructing Winn and Burlington Sts. Private plans.

Mass., Woburn — Voted $44,000, reconstructing Central and Lower Main Sts. Private plans.

New York—City of Buffalo, Village of Kenmore and Town of Tonawanda plan asphalt or brick paving 4 mi. Kenmore Ave., 40 ft. G. Fisk, Buffalo, city engr.

N. Y., Mechanicsville—Plans asphalt or brick repaving Main St. F. G. Ferris, comr. Pub. Wks.

N. Y., Tonawanda—Plans concrete paving 15 mi. boulevard from Buffalo city line to Ellicott Creek Rd., 36 ft. $300,000. G. C. Diehl, 577 Ellicott Square Bldg., Buffalo, engr.

N. J., Trenton—City Comn. plans paving 11 alleys $37,100; and 3 streets, $86,000. J. E. English, City Hall, engr.

Pa., Pittsburgh—Making plans grading, curbing and paving Evergreen Rd. between Harpin St. and city line. $34,000. City Dept. Pub. Wks., City County Bldg., engrs.

Pa., Pittsburgh—Soon takes bids grading, paving, etc., Sprague St. between Spender and Oberlin Sts., $42,000, and Vodele St. between Mackinaw and Sheras Sts., $27,000. City Dept. Pub. Wks., City County Bldg., engrs.

N. C., Danbury—Stokes Co. voted $200,000 bonds, paving 12 mi. Walnut Cove-Danbury Rd.

N. C., Elizabeth City — Voted $305,000 bonds, improving various streets. W. C. Olsen, Elizabeth City, engr. Noted June 10.

N. C., Raleigh—Plans probably concrete on asphalt paving 30 blocks various streets. C. C. Page, comr. Pub. Wks.

N. C., Wendell — Plans paving Wilson Ave. $80,000. W. A. Brown, mayor.

Ga., Valdosta — Plans election $750,000 bonds paving and sewers in various streets. W. D. Peoples, mayor.

Miss., Columbia — Marion Co. making preliminary plans grading, bridging and gravel surfacing various roads. $150,000. J. L. Whetless, Hattiesburg, engr.

La., Eunice — Making preliminary plans grading, cement sidewalks and graveling various streets. $30,000.

La., Pointe a la Hache — Police Jury Plaquemine Parish, voted special road tax of 10 mills for period of 15 years, hardsurfacing 5.5 mi. road from Courthouse to Bomimer Plantation. Noted Apr. 8.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, making surveys improving 16 mi. Martin-Gibson Co. line Rd., Weakley Co. C. N. Bass, highway comr.

Tenn., Dyersburg — Dyer Co. and State Dept. Highways & Pub. Wks., Nashville, making surveys improving road from Miston to point near Mississippi River. C. N. Bass, highway comr.

Tenn., Lebanon — Wilson Co. and State Dept. Highways & Pub. Wks., Nashville, plan oiling and reconstructing 10 mi. Lebanon-Smithville Rd. To exceed $25,000. Work will probably be done by state high-

Constr. News page 384

Two Men Instead of a Dozen —and faster work

This Ingersoll-Rand Portable Air Compressor and two men, each operating an Ingersoll-Rand CC Paving Breaker, will account for more work than twelve to fifteen men using hand sledges and bars.

service two Clay Diggers or three Backfill Tampers or one "Jackhammer" Rock Drill or three Calking Hammers, or various other tools that are needed from time to time. It can be furnished mounted on Ford Truck as shown, making a highly portable outfit for gas, electric light or water companies.

One smaller and four portables are also available, as well as a variety of other mountings. Ask for catalogs.

CC Paving Breaker

INGERSOLL-RAND COMPANY—11 BROADWAY, NEW YORK CITY.

Offices in principal cities the world over

FOR CANADA REFER—CANADIAN INGERSOLL-RAND CO. LIMITED, 260 ST. JAMES STREET, MONTREAL, QUEBEC.

70-PC.

Ingersoll-Rand

Streets and Roads (Continued)

way maintenance. C. N. Bass, highway comr.

Tenn., Lewisburg — Marshall Co. and State Dept. Highways & Pub. Wks., plan oil surfacing 20 mi. Lewisburg-Murfreesboro Rd. $25,000. Work will probably be done by State Highway maintenance forces. C. N. Bass, comr.

Tenn., Nashville—Bd. Pub. Wks. soon takes bids asphalt on macadam paving Berry Hill, Jefferson, Wilburn and North 4th Sts., Jo Johnson, 12th, 6th, 18th, 21st, Stainback and Portland Aves. To exceed $25,000. W. W. Southgate, City Hall, engr. Noted May 20.

Tenn., Sparta—White Co. and State Dept. Highways & Pub. Wks., Nashville, take bids about June 26, oiling 25 mi. Sparta-Smithville Rd. and Sparta-Cookeville Rd. To exceed $25,000. Work will probably be done by State Highway maintenance forces. C. N. Bass, highway comr.

Tenn., Wartburg — Morgan Co. making surveys improving 10 mi. Wartburg-Oakdale Highway. Work will probably be done with state aid funds. C. N. Bass, highway comr.

Ky., Franklin—Making surveys and estimates paving 1.25 mi. various streets. To exceed $25,000. Klyce & Harrub, 506 4th & 1st Natl. Bank Bldg., Nashville, Tenn., engrs.

Ky., Glasgow—Making surveys and estimates improving various streets. $60,000. Klyce & Harrub, 4th & 1st Natl. Bank Bldg., Nashville, Tenn., engrs.

Ky., Henderson—Takes bids about July 1, probably asphalt paving various streets. $35,000 appropriated. M. D. Eblen, mayor. Noted May 6.

O., Canton—Bd. Control soon takes bids asphalt widening and repaving 3 mi. Cherry Ave. N. E., 50-60 ft. $80,000. W. E. Sarver, City Hall, engr.

O., Crooksville—City Council, C. L. Dean, clk., making plans approximately 4,000 ft. cement sidewalks on State, High, Buckeye, Sycamore, Cohalen, China and Starr Sts., etc. $26,000.

O., Crooksville — Plans grading, curbing and asphalt or bituminous macadam paving Maple Ave., Whitehouse, East Main, Taylor and Keever Sts.

O., Jackson—W. P. Turner, city clk., soon takes bids grading, concrete guttering, and rein.-con. or brick paving 495 ft. Bridge St., and 3,642 ft. State St. $27,000.

O., Shaker Heights (Cleveland P. O.)—Village takes bids after July 1, asphalt, asphaltic macadam or amiesite resurfacing 57 streets. $600,000. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

Ind., Indianapolis—Made plans permanently improving 2,300 ft. Pershing and Tremont Sts., 24 ft. $29,000. G. G. Schmidt, City Hall, engr.

Ind., Indianapolis—Making plans improving 2,621 ft., Arsenal Ave. from 30th to 34th Sts., $46,601; also Bway, Evison, Mount and Belleview Aves. $26,222. G. G. Schmidt, City Hall, engr.

Ind., Indianapolis — Plans grading and wooden block, brick, asphalt or asphaltic concrete paving Washington St.; brick guttering and 3 in. asphalt resurfacing West St., Meridian St. from south property line of Raymond St. to north line of Bridge over Pleasant Run, and Meridian St. from south right-of-way line of belt R.R. to south property line of Raymond St. $88,000. G. G. Schmidt, City Hall, engr.

Michigan—A. M. Hopperstead, resident engr., Crystal Falls, takes bids about July 20th, bituminous macadam paving 2 mi. S. T. L. 12-45, concrete paving 2.5 mi. T. L. 12-48, and 2.5 mi. F. A. 160, Dickinson Co., 5 mi. F. A. 175, Baraga and Houghton Counties, 5 mi. F. A. 195, Ontonogan Co., and 5 mi. F. A. 126, Menominee Co., for State Hy. Dept., Lansing.

Michigan—A. R. Schaefer, resident engr., Newberry, takes bids about July 1, graveling 7 mi. T. L. 12-35 and T. L. 48-4, 16 ft., Chippewa Co.; and concrete paving 0.6 mi. T. L. 12-46A, 20 ft., Schoolcraft Co., for State Hy. Dept., Lansing.

Michigan—A. R. Schaefer, resident engr., Newberry, takes bids about July 20, graveling 6 mi. T. L. 77-4, 16 ft., Schoolcraft Co., and 5 mi. T. L. 67-2, 18 ft., Alger Co., for State Hy. Dept., Lansing.

Michigan—A. R. Schaefer, resident engr., Newberry, takes bids about July 15, graveling 3 mi. F. A. 143, Sect. B, 18 ft., Mackinaw Co., and 6.5 mi. T. L. 77-1, Alger Co., 16 ft., for State Hy. Dept., Lansing.

Michigan—A. R. Schaefer, resident engr., Newberry, takes bids about July 10, 2 course gravel paving 5 mi. T. L. 25-6, 16 ft., Luce Co., for State Hy. Dept., Lansing.

Michigan—A. M. Hopperstead, resident engr., Crystal Falls, takes bids about July 15, concrete paving 0.75 mi. T. L. 75-1, 20 ft., Dickinson Co., for State Hy. Dept., Lansing.

Michigan—E. R. Benkert, resident engr., Port Huron, takes bids about July 20, grading 8 mi. F. A. 135, Huron Co., for State Hy. Dept., Lansing.

Michigan—W. W. Lavers, resident engr., Plymouth, takes bids probably in August, concrete paving 7.5 mi. A. D. 449, 20 ft., St. Clair and Macomb Counties, for State Hy. Dept., Lansing.

Michigan — State Hy. Dept., Lansing, plans asphalt paving 14 mi. T. L. 24-10, 20 ft., Saginaw and Midland Counties. R. W. Roberts, Saginaw, resident engr.

Mich., Fordson — Made plans concrete curbing, guttering and 8 in. concrete paving 12,837 sq.yd. Assessment Dist. 132, 5,386 sq.yd. Dist. 135, and 4,953 sq.yd. Dist. 137. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs.

Mich., River Rouge—Making plans grading and 6 in. concrete paving approximately 22,000 sq.yd. alleys in various districts. $50,000. M. L. Brown & Son, 407 Capitol Bldg., Detroit, engrs.

Ill., Alton — Making preliminary plans grading, curbing and concrete paving 7th St. from Piasa to Alton Sts., etc. $39,000. J. E. Schwaab, City Hall, engr.

Ia., Casey — Plans paving 10 blocks various streets. $40,000. W. H. Ettinger, city clk.

Ia., Nilton Junction — Plans paving 50 blocks various streets. $160,000. F. Kelley, city clk.

Minn., Minneapolis—A. P. Erickson, aud. Hennepin Co., rejected bids May 24, grading, etc. Forest Lake cutoff between Lowry Ave. and Minnesota Trunk Highway 1, thru New Brighton. Noted June 10.

Minn., St. Paul—Making plans sheet asphalt paving, etc. approximately 1 mi. James St. between Snelling and Fairview Aves. $35,000. G. M. Shepard, city engr.

Kan., Coffeyville—Making plans paving 8 blocks and repaving 4 blocks various streets. To exceed $25,000. T. R. Marshall, Coffeyville, engr.

Kan., Junction City — Plans 6 in. one course concrete paving various streets. To exceed $25,000. T. W. Dorn, city clk.

Kan., Lyndon—Osage Co. plans grading, concrete surfacing, etc. 4.576 mi. Federal Aid Project 264-F, 18 ft. F. C. Healea, Lyndon, co. engr.

South Dakota—State Hy. Comn., Pierre, plans grading 128.3 mi. 12 projects in Custer, Bon Homme, Corson, Codington, Hyde, Deuel, Roberts, Chas. Mix, Fall River, Campbell and Gettysburg Counties; also graveling 117.2 mi. 11 projects in Pennington, Chas. Mix, Lawrence, Hutchinson, Buffalo-Jerauld, Miner, McCook and Aurora Counties. J. C. Botterman, ch. engr.

Missouri — State Hy. Dept., Jefferson City, plans grading 22 mi. roads in De Kalb, Livingston and Platte Counties; 20 ft. grading 4.233 mi. in Shannon Co.; 30 ft. grading 67 mi. roads in Dent, Henry, Putnam, Stone, Sullivan, Taney, Texas and Wright Counties; 18 ft. graveling 95 mi. roads in Christian, Dent, Hickory, Holt, Reynolds, Sullivan, Texas, Taney and Wright Counties; and 18 ft. concrete paving 18 mi. roads in De Kalb, Livingston, and Platte Counties. B. H. Piepmeier, highway engr.

Mo., Farmington—Making plans vibrolithic concrete paving, etc. 15,000 yd. various streets. To exceed $25,000. Haskins & Crawford, 822 Finance Bldg., Kansas City, engrs.

Mo., Lamar — Making plans improving various streets. $50,000. Russell & Axon, McDaniels Bldg., Springfield, engrs.

Mo., Liberty — Plans paving various streets. $25,000. W. E. Barnes, Liberty, engr.

Mo., St. Louis—Making preliminary plans widening asphalt paving, etc., (3 sections) Olive St. between 12th and 18th Sts. $114,000; 18th to Jefferson Sts. $124,000, and Jefferson to Channing Sts. $196,000. W. W. Horner, 300 City Hall, engr.

Mo., Springfield—S. R. Fisher, city engr., made plans grading, concrete paving, etc., Atlantic St. between Kansas Ave. and west city limits, and Lexington Ave. between State and Madison Sts.

Ark., Harrison—Soon takes bids curbing and 6 in. concrete or vibrolithic paving 18,798 sq.yd., 30 ft. wide or 14,669 sq.yd. 24 ft. wide Paving Dist. 3, $30,000-$40,000. E. M. Ratliff, Stone Bldg., Fayetteville, engr. Noted Mar. 25.

Texas—L. Garrett, Odem, plans paving highway through 1,500 acres land between Portland and Gregory. $28,000; also electric light and water plant, $18,000.

Tex., Abilene—Taylor Co. making plans grading and bridging 9.015 mi. Highway 30, Federal Aid Project 90-A. $90,000. L. C. McCanlies, Abilene, engr.

Tex., Albany—Shackelford Co., c/o R. Dyess, judge, making plans grading and bridging 17.358 mi. Highway 1-A, Federal Aid Project 495-A. $180,000. J. E. Pirie, Albany, engr.

Tex., Brenham—Washington Co. plans concrete paving 18.3 mi. Highway 36, 18 ft. $559,800. G. A. Bracher, Brenham, engr.

Tex., Carrizo Springs — Dimmit Co. making preliminary plans bituminous topping 49.3 mi. Highway 85, 17 ft. $260,000. J. G. Lott, Carrizo Springs, co. engr.

Tex., Carrizo Springs—Dimmit Co., c/o County Judge, plans election $600,000 bonds, hardsurfacing 16 mi. Highway 55. W. H. Hutson, Kampmann Bldg., San Antonio, div. engr.

Tex., Coleman—Coleman Co., postponed bids to have been opened June 15, single bituminous surface treating 60 mi. Highway 7 and 23, Federal Aid Projects 303-371-194 and 196, 18 ft. $250,000. J. Gresham, engr.

Tex., Cuero—De Witt Co., c/o S. Kulawik, judge, plans grading and bridging 15.05 mi. Highway 81, Federal Aid Project 440-F. $180,000. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs.

Tex., Eldorado—Schleicher Co., making plans hard-surfacing 7 mi. Highway 30. $110,000. Address W. F. Ford, Eldorado, judge.

Tex., Ft. Stockton—Pecos Co., c/o H. Johnson, judge, making plans grading, bridging and surfacing 15 mi. Highway 3. $150,000. J. Stovall, Sanderson, engr.

Tex., Fort Stockton—Pecos Co. making plans grading and bridging, etc. 11.5 mi. State Highway 3, 26 ft. $150,000. J. Stovell, Sanderson, co. engr.

Tex., Groesbeck—Limestone Co. making plans waterbound macadam paving 20 mi. Highways 7 and 14, 18 ft. $876,000. H. Boyette, Mexia, co. engr.

Tex., Harlingen—Election June 22, $125,000 bonds, hard paving various streets. Address mayor.

Tex., Hillsboro—State Hy. Dept., Austin, postponed opening bids of June 15, bituminous macadam paving 4.85 mi. Highway 2-E, State Aid Project 413-B, Unit 2, Hill Co. $27,400. Noted May 27.

Tex., Jasper—Jasper Co. soon takes bids gravel and shell surfacing 12.38 mi. Highway 62, Federal Aid Project 500-A, 18 ft. $110,157. C. P. Hunter, Jasper, co. engr.

Tex., Lubbock — Making plans grading and bridging 14.95 mi. Highway 7, Federal Aid Project 502-A, 26 ft. $33,700. B. K. Garrett, Lubbock, co. engr.

Tex., Olney — Young Co. making plans paving various streets. $25,000 bonds voted. Montgomery & Ward, 545 Harvey Snider Bldg., Wichita Falls, engrs.

Tex., Pearsall—Frio Co. making preliminary plans bituminous paving 14.86 mi. Highway 85, 18 ft. $90,000. J. G. Lott, Carrizo Springs, co. engr.

Tex., San Antonio — Bexar Co. making plans permanent type paving 12 blocks Guadalupe St. between Brazos and South Laredo St. $60,000. I. Ewig, San Antonio, co. engr.

Oklahoma — State Hy. Dept., Oklahoma City, made plans and surveys concrete surfacing 81,210 sq.yd. Rush Springs-Chickasha Rd., Highway 2, Grady Co. $160,000, 31,680 sq.yd. Holdenville Rd., Highway 3, Hughes Co. $84,000, and 42,480 sq.yd. Tonkawa-Noble Co. line Rd., Highway 26, Kay Co. $78,000; grading and concrete paving 17,700 sq.yd. West 39th Street Rd., Oklahoma Co., $42,000; grading 9 mi. Calvin-Potomac Co. line Rd., Highway 12, Hughes Co. $47,000, 7 mi. Marietta Rd., Highway 4, Love Co. $40,000, 7 mi. Jennings-Hallett Rd., Highway 1, Powell Co. $88,000, and 15 mi. Shawnee Rd., State Highway 3, Pottawatomie Co. $77,000. J. M. Page, highway engr.

Okla., Lindsay—Will not pave 40 blocks Kiowa, Creek, Choctaw and Cherokee Sts. Project abandoned. Noted May 17.

Okla., Muskogee—Plans grading and concrete paving 10,370 sq.yd. streets in Dist. 196. $31,200. J. R. March, Muskogee, engr.

Okla., Newkirk — Making preliminary plans grading and concrete paving 8,600 sq.yd. Walnut St. $27,000. F. B. King, Grain Exch. Bldg., Oklahoma City, engr.

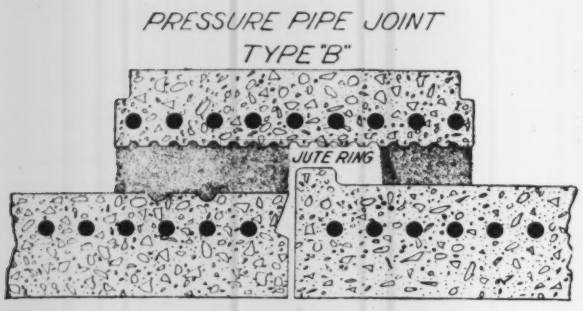
Okla., Oklahoma City — Oklahoma Co. made plans grading and sheet asphalt paving 10,560 sq.yd. Jones-Spencer Rd. $25,000. R. S. James, Court House, engr.

Okla., Oklahoma City — Oklahoma Co. made plans grading and concrete paving 21,120 sq.yd. East 23rd South Rd. $45,000. R. S. James, Court House, engr.

Okla., Rocky—Making preliminary plans grading and paving 4 blocks Main St., 56 ft. $27,000. H. T. Boone, mayor. Engineer not selected.

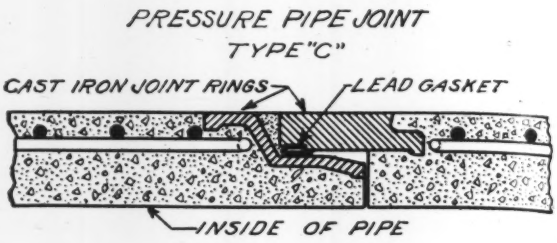
Colorado—State Hy. Dept. Denver, plans grading, bridging, etc. 12 mi. highway from Larkspur to Castlerock. $175,000.

Constr. News page 385



Type "B" or common Bell-and-Spigot Joint

This Type of Joint has been in use for over 50 years in practically every country of the world—and has been successfully laid by hundreds of pipe contractors.



Type "C" Joint

This Type of Joint has been in use for only a FEW years and is so delicate that we insist on laying the pipe ourselves.

Nichols Concrete Pipe

Centrifugally Densified

Manufacturing Processes and Equipment Fully Patented

We are prepared to build Centrifugal pressure pipe with either of the above joints. You may make the selection. Conversation IS cheap. We therefore insure the performance of our pipe with a proper surety bond.

Nichols Pipe, centrifugally densified, not only exceed the most rigid strength requirements individually, but are guaranteed to pass all standard tests for the integrity of the completed pipe line.

Our patented processes of manufacture insure pipe walls of uniform density, with interiors burnished to a glaze, all excess water and foreign materials having been removed.

Pressure pipe and railway culvert pipe made and laid. Correspondence invited with interested corporations and individuals.

Nichols Centrifugal Products Corporation
8100 E. Jefferson Ave., Detroit, Mich.

Streets and Roads (Continued)

Wash., Bremerton — City Council takes bids about July 2, paving, etc., Warren Ave. between 4th and Evelyn Sts., also 7th and 8th Sts. between Warren and Park Sts., 36 ft. $66,000. F. S. Hathaway, city engr.

Wash., Charleston—City Council takes bids about July 2, grading, concrete paving, etc., Naval and Roosevelt Aves., 7th, 8th, 9th and 10th Sts. et al. $50,000.

Calif., Alameda—Making plans resurfacing 6 mi. various streets. To exceed $25,000. B. Hamilton, city engr.

Calif., Los Angeles — Made plans 6 in. concrete paving, etc. 94,085 sq.ft. Alcott and Holt Sts. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Making plans curbing, guttering, 2 in. asphaltic on 8 in. concrete paving, etc. Wilshire Blvd. between Park View and Fairbanks Ave. To exceed $25,000. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Bd. Pub. Wks. soon takes bids improving 59th St. and Brynhurst Ave., 193,707 sq.ft. 6 in. concrete paving with 8 in. expansion joint, 8,920 sq.ft. 2 in. remodeling with rock and oil surfacing, etc. J. C. Shaw, City Hall, engr.

Calif., Los Angeles — Los Angeles Co. making plans paving, etc. Rosecrans Ave. between Compton and Los Angeles city limits. To exceed $25,000. G. Jones, Hall of Records, engr.

Calif., Marysville—Yuba Co. made surveys constructing 6 mi. new road from Tahoe-Ukiah Highway near 7 mi. house to Loma Rica. $25,000 or more. J. R. Meek, Marysville, co. surv.

Calif., Monrovia — Made plans curbing, guttering and grading 44,000 sq.ft. Olive St. between 5th and 9th Sts. L. P. Black, city clk.

Calif., Mt. Shasta—Making plans paving, etc. approximately 25 blocks various streets. To exceed $25,000.

Calif., Oakland — Made plans grading, curbing, guttering, walks and macadam paving, etc. portions Morcom Ave., Simmons and Wyman Sts., etc. To exceed $25,000. W. W. Harmon, city engr.

Calif., Oakland—Plans paving, curbing, guttering, etc. 12th St. between Fallon and 1st Aves. Approximately $135,000. W. W. Harmon, city engr.

Calif., Oceanside—Making plans grading, curbing, guttering, walks and paving, etc., Clementine and Nevada Sts., etc. To exceed $25,000.

Calif., Oxnard—Made plans 5 and 6 in. concrete paving, etc., 198,000 sq.ft. various streets. S. G. Bennett, city engr.

Calif., Pasadena—Making plans curbing, guttering, walks, with asphaltic concrete on concrete paving portions Oak Knoll, Colorado Aves., etc. To exceed $25,000. W. C. Earle, city engr.

Calif., San Carlos—Made plans improving Eaton Ave. St. Francis Way (White Oak Tract), 20,000 cu.yd. grading, 287,000 sq.ft. asphalt oil and rock screenings on 4 in. waterbound rock macadam paving, etc. G. A. Kneese, Courthouse, Redwood City, engr.

Calif., San Diego—Common Council plans improving Ingraham and Hornblend Sts., 9,944 cu.yd. excav., 118,480 sq.ft. 5 in. concrete paving, etc.; also 32nd and 7 other streets, 15,299 cu.yd. excav., 500,046 sq.ft. 1½ in. asphaltic concrete paving, 60,139 sq.ft. concrete sidewalk, 13,456 lin.ft. concrete curbing, etc. F. A. Rhodes, city engr.

Calif., San Francisco—Made plans curbing, asphaltic concrete paving, etc. Laguna Honda Blvd.; paving, curbing, etc. Harrison St. between 6th and 11th Sts. $30,000, Garfield St. between Junipero Serra Blvd. and Grafton Ave. and Capitol Ave. between Montana and Lake St. $27,000, Vermont St. between 20th and 22nd Sts. $25,000, Portola Dr. between 24th and Laguna Honda Blvd. and California St. between Powell and Mason Sts. $33,400. M. M. O'Shaughnessy, city engr.

Ont., Kitchener—Plans 20,000 sq.yd. sheet asphalt and concrete paving, and 10,000 ft. concrete sidewalks on various streets. $114,000. S. Shupe, City Hall, engr.

Ont., Mitchell—Perth Co., plans grading, graveling, macadam paving various roads. $65,000. J. Roger, Mitchell, engr.

Ont., New Toronto—Plans widening 4 mi. Toronto-Hamilton Highway from 66 to 86 ft. $2,000,000. Provincial Government and municipalities of New Toronto, Mimico, Long Branch and Etobicke appropriate toward cost. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Ont., Niagara Falls — Plans curbing, guttering and asphalt paving 20,000 sq.yd. various streets. $80,000. T. S. Scott, Niagara Falls, engr.

Ont., Owen Sound—Suburban Rds. Comn. plans graveling or macadam paving 2 mi. various roads. $40,000. R. C. McKnight, County Bldg., co. engr.

Ont., Sandwich — Town Council plans probably asphalt paving, etc. new street between Lena St. and Manchester Rd. $28,620. McColl & Patterson, Walkerville, engrs.

Ont., Toronto—York Twp. plans guttering and bitulithic paving 1,175 ft. Willard Ave., 28 ft., $23,107; and 1,050 ft. Wychwood Ave., 24 ft., $16,516. F. B. Goedike, 40 Jarvis St., engr.

Ont., Toronto—York Twp. plans concrete curbing, guttering and asphalt paving 2,000 ft. Raglan Rd., 28 ft. $37,322. F. B. Goedike, 40 Jarvis St., engr.

Bids Desired

Massachusetts—June 22, by Dept. Pub. Wks., Boston, bituminous macadam paving 3,150 ft. highway in Seekonk, 5,700 ft. in Southborough, 6,500 ft. in Boylston, and 1,367 ft. in Webster; rein.-con. paving 2,040 ft. in Webster; and graveling 3.410 ft. in Gill. W. F. Williams, comr.

Massachusetts—June 29, by Dept. Pub. Wks., Boston, rein.-con. paving 18,6[illegible] ft. highway in Amesbury. W. F. Williams, comr.

R. I., Providence—June 21, by Commissioner Pub. Wks., reconstructing and repaving various streets. $25,000. Private plans.

New York—June 30, by A. W. Brandt, comr. highways, Albany, constructing highways in Orange, Saratoga, Schenectady and Steuben Counties; and reconstructing roads in Columbia, Orange, Oswego, Ulster, and Westchester Counties; adv. E. N.-R. June 17.

N. Y., Albany—June 21, by Bd. Contr. & Supply, City Hall, improving Greenway North and Greenway South, Hunter, Washington, Euclid, Lenox and Forest, Aves.; Rosemont, Benjamin, Edgecomb and Fullerton Sts.

N. Y., Brooklyn — June 23, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, grading and permanent asphalt on 6 in. concrete repaving Bath and Rockaway Aves.; grading and cement sidewalks on 55th St., 11th Ave. and 4 other locations.

N. Y., Larchmont—June 28, by Bd. Village Trustees, Municipal Bldg., rein.-con. or amiesite paving approximately 3,390 ft. Beach Ave. Rd. 200 from Boston Post Rd. to Helena Ave. E. D. Wakeman, clk.; adv. E. N.-R. June 17.

N. Y., New York—June 18, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sheet asphalt paving Gun Hill Road.

N. Y., New York—June 21, by J. Miller, pres. Manhattan Boro, Municipal Bldg., grading, curbing, flagging and permanent sheet asphalt on concrete paving West 134th St. and Laurel Hill Terrace; grading and granite block paving West St.; laying sidewalks and curbing when and where directed during 1926.

N. Y., New York—June 24, by J. Miller, pres. Manhattan Boro, Municipal Bldg., grading, curbing, flagging and paving Laurel Hill Terrace, West 134th St., etc.; grading and repaving West St.; also curbing and sidewalks where and when directed.

N. Y., New York—June 25, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading, curbing, sidewalks, and granite block and bituminous on concrete paving McClellan St.; grading, curbing, sidewalks and sheet asphalt on concrete paving Cromwell St.; asphalt block on concrete repaving Bergen Ave. and East 141st St.; and bituminous on concrete paving Trafalgar Pl.

N. J., Trenton—June 29, by Bd. Freeholders Mercer Co., rein.-con. on 6 in. compacted cinder paving Pennington-Mercer Rd., in Ewing and Hopewell Twps. H. F. Harris, co. engr.; adv. E. N.-R. June 17. Noted Dec. 17.

Pennsylvania—July 7, by State Hy. Dept., Harrisburg, waterbound macadam on rein.-con. paving approximately 42 mi. 14 projects in Adams, Allegheny, Beaver, Blair, Franklin, Greene, Carbon, Lawrence, Lebanon, Schuylkill, Warren-Forest, Warren, Washington, and Westmoreland Counties. W. H. Connell, engr. exec. and acting secy. of highways; adv. E. N.-R. June 17.

Pa., Kingston (Ind. br. Wilkes-Barre)—July 6, by Forty-Fort Boro Council, Borough Bldg., amiesite, sheet asphalt, Kentucky rock or Kentucky rock asphalt on concrete and rein.-con. paving, etc. 39,092 sq.yd. 11 streets. Smith & Welles, 1003-6 Coal Exch. Bldg., Wilkes-Barre, boro engrs.; adv. E. N.-R. June 17.

Pa., Monessen—June 23, by City Clerk, brick on 6 in. concrete paving, etc. 15,749 sq.yd. various streets. $150,000.

Maryland — June 22, by State Roads Comn., Baltimore, sheet asphalt paving 0.54 mi. Contr. BC-60, Baltimore Co. J. N. Mackall, Garrett Bldg., chn.

Md., Baltimore—June 23, by Bd. Awards, sheet asphalt paving 9,950 sq.yd. streets listed in Contr. 347. S. Purcell, City Hall, highways engr.

West Virginia — June 22, by State Hy. Comn., Charleston, improving roads on Projects 157, 3178 and 3355, Fayette Co., Projects 77 and 127-A, Greenbrier Co., Project 3375, Summers Co., Projects 3326-B and 3332, Putnam Co., Projects 144-B, Marshall Co., Project 144-C, Wetzel Co., Project 3335-A or 156, Lewis Co., and Project 3281 or 155-B, Taylor Co.; bridges on Project 3326-C, Putnam Co., and Project 152-A, Randolph Co. E. B. Carskadon, secy.; adv. E. N.-R. June 17.

W. Va., Huntington — June 21, by Bd. City Comrs., grading, curbing and paving Holswade Dr. from Welshire Blvd. to South Englewood Rd., Cherry Ave. from Holswade Dr. to South Englewood Rd., South Englewood Rd. from Cherry Ave. to Holswade Dr., Apple St. from Riverside Dr. to Crane Ave., Crane Ave. from Apple to High Sts. and High St. from Crane Ave. to Riverside Dr. A. B. Maupin, city engr.

Fla., West Palm Beach—June 29, by City Comn., improving Paving Dists. 6-A, 6-B and 6-C. T. B. Henry, city engr.; adv. E. N.-R. June 17.

Ala., Auburn—July 1, by City Clerk, asphalt on concrete paving 8 blocks Gay and College Sts., 40-60 ft. $37,000. Noted Apr. 1.

La., Gretna — July 1, by Police Jury Jefferson Parish, hardsurfacing 1.25 mi. highway from Williams St. in Kenner along Orleans-Kenner Traction Co.'s right-of-way to Pollock St. in Hanson. F. J. Payne, c/o owner, engr.

Tenn., Nashville — See "Contracts Awarded."

O., Cincinnati—June 21, by Director Pub. Serv., vertical fibre brick repaving 4,800 sq.yd. and sheet asphalt repaving 10,500 sq.yd. Bway. from 4th St. to Reading Rd. $109,133. C. O. Sherrill, City Hall, engr.

O., Cincinnati—June 22, by Director Pub. Serv., brick repaving 13,000 sq.yd. Highland Ave. from McMillan St. to Melish Ave. $98,907. C. O. Sherrill, City Hall, engr. Noted Apr. 29.

Indiana—June 23, by State Hy. Comn., Indianapolis, bituminous concrete or rock asphalt surfacing 2.23 mi. State Rd. 37, Sect. "A," Marion Co. J. D. Williams, dir.

Ind., Albion—June 24, by Comrs. Noble Co., grading and paving 6½ mi. Winebrenner and Stillinger Rds., $31,103; 6½ mi. Lower Ressler and Rink Rds., $36,198; and 5 mi. Marquis and Frick Rds., $27,595, all foregoing 20 ft. wide. O. E. Pressler, Albion, aud.

Ind., Auburn — July 6, by Comrs. De Kalb Co., grading and paving 5½ mi. Hovarter, Myers and Casebere Rds., 18 ft. $30,314. F. K. Shook, Auburn, aud.

Ind., Fowler—July 5, by Comrs. Benton Co., grading and paving 15,839 ft. Eckerstrom Rd., 24 ft. $27,050. S. N. Geary, Fowler, aud.

Ind., Jasper—July 5, by Comrs. Dubois Co., grading and paving G. F. Schulte Rd. $25,335. F. J. Seng, Jasper, aud.

Ind., Logansport — June 24, by Comrs. Cass Co., concrete and brick paving Morgan Hill Rd., $114,843; also concrete and Kentucky Rock asphalt paving Pleasant Grove Pike, $98,603. H. M. Gardner, Logansport, aud.

Ind., Peru—June 21, by Bd. Park Comrs., grading, paving, etc. Boulevard Dr. $28,000. W. R. Meeker, secy.

Ind., Portland — July 8, by Comrs. Jay Co., concrete paving, etc., Hart Rd., $29,350; also grading and paving Anderson and Ross Rds., $26,482. H. Martin, Portland, aud.

Ind., South Bend—July 6, by Comrs. St. Joseph Co., sheet asphalt paving R. H. Wolfe Rd. $67,962. C. Sedgwick, 337 Lincoln Way, South Bend, aud.

Ind., Terre Haute—June 23, by Comrs. Vigo Co., grading, etc., Chas. I. Ferguson et al Rd., in Harrison Twp. $58,551. J. Dreher, aud.

Ind., Williamsport — July 5, by Comrs. Warren Co., grading and paving 10,284 ft. Harry Little Rd. $25,592. J. W. Franklin, Williamsport, aud.

Michigan—June 22, by W. W. Lavers, resident engr., Plymouth, concrete paving

Constr. News page 385a

Streets and Roads (Continued)

2.75 mi. State A. D. 467, 20 ft., Wayne and Oakland Counties, for State Hy. Dept., Lansing.

Michigan — June 22, by R. A. Beers, resident engr., Kalamazoo, concrete paving 6.317 mi. Federal Aid Project 232, Sect. A, 20 ft., Cass Co., and 6.567 mi. Sect. B, same road, for State Hy. Dept., Lansing.

Michigan — June 23, by R. A. Beers, resident engr., Kalamazoo, graveling 4.807 mi. T. L. 79-3, and 7.123 mi. T. L. 70-3C, both Barry Co., for State Hy. Dept., Lansing.

Michigan—July 25, by A. R. Schaefer, resident engr., Newberry, concrete paving 2 mi. T. L. 12-46, Schoolcraft Co., for State Hy. Dept., Lansing.

Mich., Muskegon—June 28, by City Clerk, grading, 4 and 6 in. concrete paving 3 mi. Lake Michigan Park-Bronson Park Pavement, $25,000; and grading 2½ in. sheet asphalt on 6 in. macadam paving 1.5 mi. Lake Shore Rd., $75,000. H. J. Lewis, City Hall, engr. Noted May 6.

Mich., Muskegon Heights (Ind. sta. Muskegon)—June 21, by City Clerk, City Hall, grading and 6 in. concrete paving 16,000 sq.yd. South Peck, South Baker and South 7th Sts. $55,000. C. A. Gamble, City Hall, engr.

Mich., Wyandotte — June 22, by E. C. Bryan, city clk., grading, curbing, and 8 in. concrete paving roads in Special Assessment Dists. 54, 55, 56 and 58. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs.

Ill., Galesburg—June 21, by Bd. Local Impvts., grading, curbing, guttering and vertical fibre brick on 5 in. concrete paving 3,570 sq.yd. Hawkinson St. A. L. Richey, City Hall, engr.

Wisconsin—June 24, by State Hy. Dept., Div. Office 5, La Crosse, improving 0.57 mi. Federal Aid Project 368-A, Trempealeau Co., 1,567 cu.yd. earth excav., 13,687 cu.yd. borrow, 1,285 sq.yd. shale and 321 cu.yd. gravel surfacing, etc. J. T. Donaghey, Madison, highway engr.

Wis., Beaver Dam—June 25, by Bd. Pub. Wks., W. A. Gergen, secy., curbing, guttering, sewers and concrete or vibrolithic concrete paving 18,130 sq.yd. York, Division, Front, East 3rd, and Haskell Sts. E. B. Parsons, 419 North Washington St., Watertown, engr. Noted Mar. 4.

Wis., Milwaukee—June 19, by Dept. Pub. Wks., R. E. Stoelting, comr., asphalt resurfacing, etc. 14,071 sq.yd. Lisbon Ave., Becker, 4th and Lake Sts.

Wis., Racine—June 19, by Bd. Pub. Wks., H. A. Nelson, secy., rein.-con. paving, etc. 25,000 sq.yd. 8 streets. J. W. Beaugrand, City Hall, engr.

Ia., Primghar — June 22, by Auditor O'Brien Co., grading 11 mi. secondary roads. W. L. Anderson, Primghar, engr.

Minn., St. Paul—June 28, by G. J. Ries, aud. Ramsey Co., grading, one course concrete paving, etc. 12,608 sq.yd. County Road E $29,000, and 82,550 sq.yd. Project 26-62 $195,000; also grading, and 35 ft. rein.-con. deck girder spans, etc. on Divs. A and B, and 30 ft. on Div. C of same road, $55,000 and $25,000 respectively. P. N. Coates, 900 Guardian Life Bldg., engr.

Kan., Girard—July 2, by Crawford Co., chat surfacing 3.513 mi. Federal Aid Project 347-A.

Kan., Girard—July 15, by Clerk Crawford Co., improving 7.063 mi. Federal Aid Project 346-A, 28 ft., 33,885 cu.yd. excav., 36,020 ft. hedge to grub, 34,480 lb. reinforcing, etc. J. W. Ludlow, Girard, co. engr.

Neb., Omaha—July 2, by R. L. Cochran, state engr., Lincoln, brick, bituminous concrete, sheet asphalt or concrete paving, etc. 42,900 sq.yd. Federal Aid Project 187, Douglas Co., for State Hy. Dept., Lincoln. $85,000. Noted May 20.

N. D., Grand Forks—June 30, by C. J. Evanson, city aud., paving, etc. approximately 10,300 sq.yd. various streets. $30,000.

Mo., Kennett—June 29, by C. S. Schultz, clk. Dunklin Co., Court House, grading and graveling, etc. 6.28 mi. various streets, 16 ft. C. E. Smith & Co., Burnett Bldg., engrs. Noted June 3.

Mo., St. Louis — July 13, by Bd. Pub. Serv., 208 City Hall, asphalt, warrenite or amiesite paving, etc. 76,300 sq.yd. Kingshighway Blvd., $248,520; and 2,890 sq.yd. Tamm Ave., $24,720. W. W. Horner, 309 City Hall, engr.

Mo., St. Louis — July 16, by Bd. Pub. Serv., 208 City Hall, asphalt paving 2,265 sq.yd. Edwards St., $17,800; asphalt, warrenite or amiesite paving, etc. 23,160 sq.yd. 9th St.; $121,200; Willite asphalt paving, etc. 1,710 sq.yd. Lorraine St., $13,-200; asphaltic concrete paving, etc. 2,160 sq.yd. Wanda Ave., $12,500; and amiesite paving, etc. 1,310 sq.yd. Adkins St. $11,200, 2,445 sq.yd. Penrod Rd. $17,080, 1,125 sq.yd. 38th St. $7,800 and 1,915 sq.yd. Wyoming St. $13,000. W. W. Horner, 309 City Hall, engr.

Constr. News page 386

Mo., Sedalia—June 21, by N. L. Nelson, city clk., City Hall, grading, 6 in. concrete paving, etc., 12,000 sq.yd. 16th St. between Grand and Barret Aves. C. O. Manker, City Hall, engr.

Tex., Graham—Young Co., W. F. Parsley, judge, taking bids grading and bridging 9.79 mi. Highway 24, Federal Aid Project 441-B. $60,000. G. R. Johnson, Graham, engr.

Okla., Weatherford — June 21, by S. Randle, mayor, grading, curbing and concrete paving 22,700 sq.yd. Bway. and Custer Sts. $68,700. C. Wilson, Weatherford, engr. Noted May 13.

California—July 6, by State Hy. Comn., Sacramento, grading, crushed gravel or stone surfacing 9.5 mi. road between Black Butte and Blythe, Riverside Co.; also concrete grading and paving 5 mi. road betwen Oxnard and Hueneme Rd. R. M. Morton, Forum Bldg., Sacramento, engr.

Calif., Los Angeles — Bd. Pub. Wks. taking bids curbing, guttering, walks and 7 in. concrete paving 81,823 sq.ft. Temple St. between Hoover and Robertson Sts. Former bids rejected. J. C. Shaw, City Hall, engr.

Calif., Oakland — City Council, E. K. Sturgis, clk., taking bids concrete curbing, guttering, grading and 2 in. Warrenite-bitulithic on 6 in. concrete paving 192,503 sq.ft. portions Grand Ave., Santa Clara St., etc. W. W. Harmon, city engr. Noted June 10.

Calif., Oroville — July 6, by Supervs. Butte Co., grading 50,000 cu.yd. road from Hogwallow Gulch to Plumas Co. line. To exceed $25,000. H. H. Hume, Oroville, co. engr.

Ont., Leaside—June 25, by A. T. Lawson, bituminous on concrete paving 2,000 sq.yd. various streets. $30,000. D. J. Bell, Sowderm Ave., engr.

Ont., Riverside — June 21, by A. W. Connor, city engr., concrete paving various streets. $40,000.

Saskatchewan—June 16, by H. S. Carpenter, deputy minister Dept. Highways, grading approximately 59,000 cu.yd. Project 6-E and 51,000 cu.yd. project 3-M.

Bids Received

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 8,100 ft. highway in Stow, and 3,800 ft. in Ashburnham, from P. J. Keating, Fitchburg, $42,822 and $25,629 respectively, 10,700 ft. in Belmont, from Lawton Constr. Co., Providence, R. I. $75,874, 3,540 ft. in Westborough, from H. and J. P. Green Co., 220 Holden St., Worcester $21,008 and 10,100 ft. in Barnstable, from Lane Constr. Co., 37 Colony St., Meriden, Conn., $48,354; gravel surfacing 699 ft. in New Ashford, from C. B. Lindholm, 24 North St., Pittsfield, $6,776; hard paving 4,200 ft. in Savoy, from Warner Bros., Sunderland, $16,777. Noted June 10.

Massachusetts—See "Bridges."

Mass., Boston—Dept. Pub. Wks., June 8, recut granite block paving Boston St., from J. J. McCarthy Co., 121 Boston St., Dorchester, $37,296. Noted June 3.

New York—A. W. Brandt, comr. Highways, Albany, **(e. e. means engineer estimate)** reconstructing 2.5 mi. Highway 8250, New Jersey State Line-Nyack Rd., Part 1, Rockland Co., from J. Arborio, 59 Center St., New Haven, Conn., $180,854 e. e. $202,-899; 1.51 mi. Repair Contr. 3147-1522 Highway 856, Sandy Hill-Glens Falls Rd., Warren Co., from J. J. Fredella Co., Glens Falls, $77,146 e. e. $91,884. Noted June 3.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., June 8, grading, curbing, sidewalks and permanent sheet asphalt on concrete paving Liberty Ave. from Brooklyn Boro line to 88th St. (Boyd Ave.), from Cleveland Trinidad Paving Co., Flushing, $69,408; and Liberty Ave. from 88th to Rockaway Blvd., from Highway Impvt. & Repair Co., Church St., New York City, $43,463. Noted June 3.

New Jersey—State Hy. Comn., Trenton, June 14, grading and rein.-con. paving 55,-072 sq.yd. Route 20, Sect. 5, Millville to Vineland, Cumberland Co., from E. H. Ellis, 6017 Christian St., Phila., Pa., $206,-015. Noted June 3.

Delaware—State Hy. Dept., Dover, June 9, improving with **(a)** stone **(b)** slag **(*)** metal joint **(†)** non-metal joint **(1)** 0.73 mi. Rogers Corner Cut-Off, Contr. 64 [illegible] lin.ft. Kennett Pike Drainage, Contr. [illegible] **(3)** 3.55 mi. Mermaid-Milford Cross Rds., Contr. CN-29 and **(4)** 3.27 mi. Greenwood-Owens Station, Contr. CS-48, **(5)** [illegible] Elliotts Crossing-Bridgeville, Contr. 67, from D. E. O'Connell & Son, Ridley Park, Pa. **(1)** $48,938 **(*3)** $166,529 and **(*4)** $167,657; from J. F. O'Neil, Mt. Cubic, $975; from W. W. Truitt, Lincoln, **(a4)** $80,932 and **(5)** $2,482; from Highway Engr. & Constr. Co., Selbyville, **(e4)** $77,942. Noted May 20.

O., Cleveland — Improving Berea Rd., 5,000 lin.ft. 4 in. French drain gutter, 7,465 cu.yd. earth excav., and 53,950 sq.yd. 6 and 9 in. concrete resurfacing, etc., from Baldwin Bros., 4500 Euclid Ave., $[illegible] and $108,521.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., June 12, asphalt resurfacing, etc. 15,189 sq.yd. Juneau Ave., Edison and North Water Sts., from Badger Constr. Co., 97 Wisconsin St., $31,041 and asphalt paving North Water St., from White Constr. Co., 68 Wisconsin St., $11,-964. Noted June 10.

Minn., St. Paul—Sheet asphalt paving approximately 2 mi. Otto Ave. between Cleveland and Snelling Aves., from Thornton Bros., 318 Endicott Bldg., $79,947.

Kan., Columbus — Cherokee Co., concrete surfacing, etc. Federal Aid Project 96-A and C, from Du Bois Constr. Co., Pittsburg, $60,284; bridges, from Maxwell Constr. Co., Columbus, $2,718.

N. D., Fargo—Paving with **(a)** concrete **(b)** asphaltic concrete **(c)** warrenite bitulithic or **(d)** brick 15,000 sq.yd. various streets from W. E. Kennedy, Fargo, **(a)** $41,646 **(b)** $46,396; and from S. Birch, Fargo, **(c)** $54,838 and **(d)** $59,925.

Mo., St. Louis — Dept. Pub. Wks., 208 City Hall, June 1, **(e. e. means engineers estimate)**, from Perkinson Bros. Constr. Co., 3237 Carter Ave., concrete paving, etc., 4,435 sq.yd. Lowell St., $23,473 e. e. $25,-900; and from Bridges Asphalt Paving Co., Buder Bldg., asphaltic concrete paving, etc., 1,085 sq.yd. Art Hill Pl. $7,326 e. e. $9,300, 1,255 sq.yd. Frieda Ave. $6,780 e. e. $8,400, 2,000 sq.yd. Hoffman St., $9,161 e. e. $11,-150, Hoffman St. between Watson Rd. and Clifton Ave. $3,674 e. e. $4,500, 1,865 sq. yd. Nicholson Pl. $9,105 e. e. $11,500, 1,155 sq.yd. Winnebago St. $7,958 e. e. $9,600, and 2,900 sq.yd. Shreve Ave. $14,970 e. e. $18,-600. Noted May 13.

Colo., Denver — Dept. Impvts. & Parks, May 26, from M. E. Carlson, 607 Mining Exch. Bldg., concrete paving Alley Paving Dist. 141 $15,164; Dist. 142 $15,714, Dist. 143 $20,383, and Dist. 144 $18,217; and from H. C. Lallier Constr. Co., Hudson, curbing, grading and surfacing South Denver Impvt. Dist. 26 $92,390.

Calif., San Carlos—From Frederickson & Watson, 354 Hobart St., Oakland, improving various streets in White Oaks tract, 29,-000 cu.yd. grading at $0.45 per cu.yd., 287,-000 sq.ft. 4 in. waterbound rock macadam base, asphalt and oil screenings surfacing $0.125, 21,000 ft. concrete curbing and guttering $0.78, 93,200 sq.ft. cement walks $0.17, etc., total $94,310.

Wash., Seattle—Bd. Pub. Wks., May 28, from C. L. Creelman, 1079 25th St. N., improving 40th Ave. N. et al, 7,120 ft. concrete curbing at $0.30 per ft., 1,265 ft. concrete guttering $1.20, 3,960 lin.ft. concrete sidewalks $1.40, 3,940 cu.yd. sub-grading $0.60, and 13,700 sq.yd. 7 in. concrete paving $1.85, etc., total $52,186. Engrs. est. $51,251.

Contracts Awarded

Mass., Boston—Dept. Pub. Wks., sheet asphalt paving Wade St., to S. J. Tomasello, 11 Cushing Terrace, Dorchester, $35,-986. Noted June 3.

Rhode Island — State Bd. Pub. Rds., Providence, rein.-con. paving 1.4 mi. road in East Providence, to Lane Constr. Co., 37 Colony St., Meriden, Conn., $43,780, and 3 mi. in North Smithfield, to M. Gammino, 728 Valy St., Providence, $129,619; bituminous macadam paving 1 mi. in Burrillville, to J. P. Greene, Worcester, Mass., $30,785, 1.5 mi. in Lincoln, to B. C. Jordan, Providence, $46,143, and 4.5 mi. in Portsmouth, to J. McCormick, East Providence, $218,-260. Grand total $468,543. Noted June 10.

New York — A. W. Brandt, highway Comr., Albany, **(e. e. means engineer's estimate)** reconstructing 2.44 mi. Repair Contr. 1520, Highway 5012, Fleming-Auburn Rd., Cayuga Co. and 2.56 mi. Highway 1733 Gradenville-Williamsville, Part 1, Erie Co., to Harrison Eng. & Contr. Corp., Ellicott Bldg., Buffalo, $78,800 and $131,331 respectively, e. e. $97,326 and $176,967 respectively; 3.25 mi. Repair Contr. 3148, Highway 344, Millerton to N. E. Center Rd., Highway 534 N. E. Center-Sharon Rd.,

Streets and Roads (Continued)

Highway 709 Millerton Co. line Rd., Dutchess Co., to New York Willite Paving Corp., Rochester, $164,996, e. e. $208,065; 5.92 mi. Repair Contr. 1523, Highway 196, East Nassau Rd. and Highway 55, Hoags Corners Rd., Rensselaer Co., to Troy Paving Co.; Gay Bldg., Troy, $282,824, e. e. $373,-220; 5.52 mi. Highway 5712, Williamstown-Petersburg Rd., Part 2, Rensselaer Co., to S. B. Van Wagenen, Inc., Rondout, $261,-295, e. e. $424,418; 5.95 mi. Repair Contr. 1518, Highway 5338, Windsor-Deposit Rd., Broome Co., to Stento & Serafini, 84 Court St., Binghamton, $343,561, e. e. $421,847; 2.79 mi. Repair Contr. 1526, Highway 648, West Henrietta-West Rush Rd., Monroe Co., to H. W. Paterson, Hornell, $132,220, e. e. $176,658; 4.46 mi. Repair Contr. 1524, Highway 515, Trumansburg-Ithaca Rd., Tompkins Co., to E. C. Jones, Inc., Salamanca, $179,260, e. e. $223,129; and 4.82 mi. Repair Contr. 1521, Highway 590, Auburn-Seneca Falls Rd., Part 1, Cayuga Co., to F. Callahan, Auburn, $247,791, e. e. $332,162. Grand total $1,849,069. Noted June 3.

N. Y., Brooklyn — J. A. Guider, pres. Brooklyn Boro, Boro Hall, permanent asphalt paving East 37th St. and Liberty Ave., to Borough Asphalt Paving Co., 301 Metropolitan Ave., $3,806 and $4,042 respectively, also Caton Ave., to Brooklyn Alcatraz Asphalt Paving Co., 407 Hamilton Ave. $4,793; restoring and asphalt repaving where directed on various streets, to Uvalde Asphalt Paving Co., 1 Eway., New York City, $15,900; grading, curbing and flagging East 4th and East 5th Sts., to G. M. Mandato, 139 29th St., $3,383 and $3,668 respectively, East 37th St. and Avenue I, to Castle Bros., Inc., Johnston Pl., $834 and $1,243 respectively, East 48th St., to W. J. McHale Contg. Co., 1250 Jefferson Ave., $3,327. Grand total $40,996. Noted June 3.

N. Y., Lackawanna — Concrete paving Franklin Ave., to T. H. McDermott, 123 Ryan St., Buffalo, $42,765. Noted June 3.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sheet asphalt paving Cooper Ave., to Uvalde Asphalt Paving Co., 1 Bway., New York City, $22,855, also Ditmars Ave. and sheet asphalt on granite block paving Nelson Ave., to Cleveland Trinidad Paving Co., Flushing, $12,515 and $8,393 respectively; granite block paving Meadow St., to Welsh Bros. Contg. Co., 14 Queens St., $66,642; and curbing, guttering and sidewalks Nelson Ave., to O'Brien & Kurth, 8625 137th St., Jamaica, $9,791. Grand total $120,190. Noted June 3.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading, culverts, etc., in East 211th and West 263rd Sts., to S. Nugent, Riverside Dr. and 170th St., $4,707 and $3,625 respectively; and Wilson Ave., to A. Gregorio & Co., 1129 Neill Ave., $11,600; also granite block paving Boston Rd. to L. Di Minna, 2366 Lorillard Pl., $340,856. Grand total $360,788. Noted June 10.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, granite block paving 2 ft. width, outside and adjoining trolley tracks on Van Duzen St. from Victory Blvd. to Hannah St. and from Swan to Wright Sts., to Van Bro Constr. Corp., 24 Elizabeth St., West New Brighton, $15,-252. Noted May 27.

N. J., Mt. Holley—Burlington Co., bituminous concrete paving 26,300 sq.yd. Florence-Stevens Sta. Rd., to W. S. French, 266 West Main St., Moorestown, $71,411. Noted June 3.

N. J., Secaucus (Ind. br. Weehawken)—Bd. Freeholders Hudson Co. (Jersey City), concrete paving approximately ½ mi. road, to Clinton Asphalt Co., 308 Chanler St., Union, $27,671.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, to D. Duffin, 6101 Roosevelt Blvd., grading Algon, Comly, Frontenac, Langdon and Sanger Sts. $17,048, to R. B. Wenner, 2313 Walnut St., Evarts and Placid Sts. $10,705, to E. A. Mullen, Inc., 5512 Vine St., Grays St. $2,091, to Gudknecht & Cullicon, Torresdale and Robbins Sts., Loughlin St. $532, to Dewees Bros., 7200 Shelbourne St., Shelbourne St. $1,227, and to F. Mark Contg. Co., N and Winghocking Sts., 20th St. $3,065; to Eastern Asphalt Co., Penna. Bldg., asphalt paving (assessment work), Belfield St. $5,938, Dyre and Oakland Sts. $7,088, Shawnee St. $5,637, Stenton St. $7,587, Tulip St. $6,087, Wilmot St. $2,149, and 67th St. $7,697, to Union Paving Co., 123 South 21st St., Chester St. $32,681, M St. $16,406, to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., Ellet St. $7,562, Luzerne St. $30,397, Wooddale St. $9,547, to Barber Asphalt Paving Co., 239 North 30th St., Fayette St., 76th, 79th and 80th Aves. $46,990, Washington Lane $6,089, and 2nd St. $11,-944, to Fox-King Constr. Co., Audubon, N. J., 46th St. $35,871; to M. Y. Neely, Inc., Oxford Ave. and Wakeling St., improving Griffith and Solly Rds. $15,193, to M. Leewright, 424 Seville St., Lawnton Rd. $2,524, to A. J. Henderson, 825 East Washington Lane, Thompson Rd. $1,910, and to B. Foster Co., Inc., 20th and Venango Sts., 58th St. $4,669; to Golden Constr. Co., 263 South 15th St., repairing Adams Rd. Bridge 45 $1,945, to J. B. McHugh, Jr., $922 Markoe St., 34th St. Bridge 257 over Pennsylvania R.R. tracks $3,682, Broad St. Bridge 64 over Philadelphia & Reading Subway $3,497, and Oak Lane Bridge 192 over North Pennsylvania Branch Philadelphia & Reading R.R. tracks $1,505, to Latta & Roberts, Drexell Bldg., Grays Ferry Bridge 6 over Schuylkill River $5,000, and to Montgomery Iron & Steel Co., 918 West Berks St., 21st St. Bridge 269 over Philadelphia & Reading R.R. tracks $1,126. Grand total $315,389. Noted June 10.

Pa., Pittsburgh—Grading, curbing, paving, etc., Breckenridge St., to Dunn & Ryan Co., 3918 Swineburn Ave., $65,140, engrs. est. $75,000; also Virginia Ave. and Sommers St., to Booth Flinn Ltd., Forbes St., $73,251 and $26,101 respectively, engrs. est. $75,000 and $27,000 respectively. Grand total $164,492. Noted Feb. 25.

Pa., Pittsburgh — Controller Allegheny Co., **(e. e. means engrs. est.)**, concrete paving, etc., 11,250 ft. Duncan Ave. extension, 18 ft., to J. S. Haley, Pittsburgh, $149,930 e. e. $150,000; rein.-con. paving, etc., 9,600 ft. Warrendale-Bayne Rd., to Kemena Lumber Co., Ambridge, $126,191, e. e. $150,000; and eliminating curves, rein.-con. paving, etc., 1,900 ft. Lincoln Ave. extension, 18 ft., to McCrady Bros. Co., Braddock, $70,798, e. e. $75,000. Grand total $346,919. Noted May 20.

Maryland — State Roads Comn., Baltimore, concrete paving 1 mi. Contr. Cl-57, Carroll Co., to E. C. Valentine, Rock Ridge $22,146, and 1 mi. Contr. Q-37 Queen Annes Co., to J. K. Flick, Sudlersville $16,025; graveling 2 mi. Contr. SM-35, St. Marys Co., to Southern Maryland Constr. Co., 12 East Lexington St., Baltimore, $16,652. Grand total $54,823. Noted May 20.

Maryland — State Roads Comn., Baltimore, concrete paving 1 mi. Contr. Ce-55, Cecil Co., to Sutton Contr. Co., Jefferson Bldg., Phila., Pa., $20,185. Noted May 13.

Maryland — State Roads Comn., Baltimore, concrete paving 2.5 mi. section state highway along Robert Crain Highway between Priest Bridge and Upper Marlboro, Contr. P-66, to Christhilf & Ensey Co., 1625 Ridgely St., Baltimore $70,104, and 1.25 mi. along Defense Highway from Collington towards Priests Bridge, Contr. P-62 to Thomas, Bennett & Hunter, Westminster, $52,516, both Prince George Co. 1 mi. road between Hereford and Monkton, Contr. B-76, Baltimore Co., to H. T. Campbell & Sons, Towson $26,119, 0.91 mi. road from Queen Anne to Cordova, Contr. T-23, Talbot Co., to Hannemann-Burroughs Co., Salisbury $21,467, 3.35 mi. road along 7th St. Pike between D. C. line and Norbeck, Contr. M-10-C, Montgomery Co., to Gosnell, Russell Co., Frederick $25,952, and 3.4 mi. road between Perryville and Principio, Contr. Ce-10-A, Cecil Co., to T. P. Murray, Towson $12,896; graveling 2 mi. road between Harpers corner and Hollywood, and between New Market and Huntersville Contr. SM-22, St. Marys Co., to E. R. Jarboe, Mechanicsville $13,613, 2.37 mi. road between State Road near Milestown and Bushwood Wharf, between Lee's Corner and Compton, Contr. S. M.-36, St. Marys Co., to Southern Maryland Constr. Co., 12 East Lexington St., Baltimore $19,-623, and 1.75 mi. road from Shady Side Road towards Deale, Contr. AA-47, Anne Arundel Co., to T. Mullan, 3945 Greenmount Ave., Baltimore $21,422. Grand total $263,712. Noted May 6 and 27 and June 3.

Md., Baltimore — Bd. Awards grading, curbing and concrete paving 12,600 sq.yd. Contr. 339, to J. J. Bresnan, 311 Woodland Ave., $35,667; and sheet asphalt paving 4,500 sq.yd. Contr. 340, to P. Flanigan & Son, Harford Rd. and Baltimore & Ohio R.R. tracks, $20,663. Noted June 10.

W. Va., Huntington—For 4 in. brick on 6 in. concrete paving 2nd Ave. and 8th St., to A. Trainer, Huntington, $44,027.

W. Va., Huntington — Cabell Co., vitr. brick paving 2.75 mi. Project 17, Grapevine Rd., Project 18, Cox Hollow Rd., and Project 26, Altivar Pl., to Hatfield Constr. Co., 218½ 10th St., $59,227.

W. Va., Logan—Island Creek Coal Co., grading 7½ mi. Holden-Pine Creek Rd., Logan Co., to P. C. Minotti, Logan, $250,000.

N. C., Gastonia—Paving various streets, to Noll Constr. Co., Charlotte, $89,000.

N. C., Siler City—Mayor and Bd. City Comrs., curbing, guttering, concrete or asphaltic paving, etc., 10 blocks various streets, to Hedrick Constr. Co., Salisbury, $115,000. Noted May 13.

Fla., Jacksonville — Bayshore Co., constructing 17 mi. Bayshore Blvd. from Jacksonville to Ocean along St. Johns River, to Foundation Co., 120 Liberty St., New York City, N. Y. Engrs. est. $750,000.

Miss., Pass Christian — Mayor & Bd. Aldermen, curbing, guttering sidewalks and private driveway pavement, to Powers Constr. Co., Gulfport, $60,275.

Miss., Wiggins—Stone Co., grading, etc., 6.1 mi. Wiggins-Bogalousa Rd., to H. L. Gaddy, Bond, $23,000; timber bridge, to Newsome Bros., Goss, $5,300.

Louisiana — State Hy. Comn., Baton Rouge, **(F. A. P. means Federal Aid Project)** concrete paving 7.139 mi. F.A.P. 160, Caddo Parish, to J. J. Harrison, Oklahoma City, Okla., $231,264; and bridge approaches on F.A.P. 164-B, in Grand and LaSalle Parishes, to Vincennes Bridge Co., Vincennes, Ind., $49,324; approaches on F.A.P. 164-B, Grant Parish, to S. S. Andrews, Jena, $35,538 and $4,808. Grand total $320,934. Noted Feb. 25.

La., Cedar Grove—C. D. Evans, engr., 414 Levy Bldg., Shreveport, grading, curbing, guttering and rein.-con. paving 12,230 sq.yd. Caddo Ave. from 59th to 66th Sts., to Flenniken Constr. Co., Shreveport, $48,169. Noted May 20.

La., Mansfield — Town Council paving Washington, Monroe, Gibbs Sts., etc., to H. M. Silver, Mansfield, $77,012.

Tenn., Nashville — Bd. Pub. Wks. will surface with oil Harrison St., 7th and 8th Aves., by day labor. W. W. Southgate, City Hall, engr. Noted May 27.

O., Cincinnati—Hamilton Co., oil surfacing 50 mi. various macadam roads to J. S. Tobitt & Co., 325 Wyoming Ave., $27,-132. Engrs. est. $34,125. Noted June 10.

O., Cleveland — Comrs. Cuyahoga Co., guttering, grading and macadam paving 4,950 sq.yd. Cedar Point Hill Rd., to Ohio Eng. Co., Lorain, $30,568, engrs. est. $36,-000; also 21,000 sq.yd. Edgerton Rd. 5, to Garland Bros., 5806 Franklin Ave., Cleveland, $68,382, engrs. est. $77,600. Noted May 27.

O., Cleveland — Cuyahoga Co., grading, curbing, guttering and vitr. brick paving 31,480 sq.yd. Pearl Rd. 2, to Cleveland Trinidad Paving Co., The Arcade, $192,272. Engrs. est. $222,947. Noted May 20.

O., Hamilton — Butler Co., grading and traffic bound macadam paving 40,699 ft. Princeton-Glendale Rd., in Liberty and Union Twps., to Brelsford & Selby, Hamilton, $37,674.

O., Lakewood (Cleveland P. O.)—Paving, etc., Adeline, Crestline, Hilda, Northland and Phoenix Aves., to Cleveland Trinidad Paving Co., The Arcade, Cleveland, $30,778. Noted May 27.

Indiana—State Hy. Comn., Indianapolis, **(S. R. means State Road, and e. e. means engineers estimate)** to L. S. Tobitt, Tiffin, O., bituminous macadam and concrete surfacing 40.23 mi. S.R. 1, 12, 22, 39, 3, 48, 21, 13, 37, $25,652 e. e. $33,435; to Barrett Co., Chicago, Ill., 37.15 mi. S.R. 13, 17, 11, 35, 27, 21, $37,501 e. e. $48,728, and 15.44 mi. S.R. 32, 44, $15,087 e. e. $19,470; to S. G. Hayes, Indianapolis, 47.2 mi. S.R. 1, 5, 16, 38, 4, 22, 32, 26, $20,823 e. e. $28,237, 8 mi. S.R. 5 and 40, $34,866 e. e. $44,899, and 43.2 mi. S.R. 42, 8, 2, 10, 43, 42, 15, $64,151 e. e. $74,399. Grand total $198,080. Noted Apr. 1.

Michigan — State Hy. Dept., at office Comrs. Alpena, graveling 11.033 mi. State Rd. 72-3, Alcona Co., to Peterson Constr. Co., 502 Globe Bldg., Minneapolis, Minn., $135,940. Noted May 13.

Michigan—R. A. Beers, engr., 311 McNair Bldg., Kalamazoo, graveling 4.732 mi. T. L. 43-9 Sect. A, 16 ft., to J. Yennington, Watervliet, $49,253; and concrete paving 0.596 mi. Sect B, Barry Co., 20 ft., to E. A. Campbell, Kalamazoo, $18,669 (incl. cement). Noted May 6.

Michigan — State Hy. Comn., at Westphalia, graveling 6.563 mi. Assessment Dist. Rd. 466, in Clinton and Ionia Counties, to L. M. Perry, Beaverton, $54,224. Noted Mar. 12.

Mich., Detroit—To Detroit Asphalt Paving Co., 909 Transportation Bldg., 3½ in. sheet asphalt on 8 in. concrete paving 2,300 sq.yd. Connors Ave. $82,713, 8,500 sq.yd. Military Ave. $35,168, 6,320 sq.yd. Goulburn Ave. $25,109, 8,110 sq.yd. Corbett Ave. $31,-779, 4,780 sq.yd. Saratoga Ave. $19,168, 2,150 sq.yd. Freer Ave. $9,482, 8,730 sq.yd. Wilfred Ave. $34,063, and 11,340 sq.yd. Berkshire Ave. $43,391; to Cleveland Trinidad Paving Co., 402 Hammond Bldg., 19,450 sq.yd. Oakman Blvd., Sect. 1 $75,254, and 8,100 sq.yd. Greenlawn Ave. $31,889. Grand total $388,016.

Constr. News page 387

Streets and Roads (Continued)

Mich., Grand Rapids—Kent Co., concrete paving 1.607 mi. Federal Aid 210, Sect. A, to P. W. O'Connor, Grand Rapids, $52,986; and 4,836 mi. Federal Aid 132, Sect. D, to Vanderveen Constr. Co., Grand Rapids, $157,665.

Mich., Lincoln Park (mail Detroit) — Village, **(S. A. D. means Special Assessment District)** to Bishop & Weir, 955 East Jefferson Ave., Detroit, concrete curbing and guttering and 1 course concrete paving 8,900 sq.yd. S.A.D. 87 $35,453, 6,882 sq.yd. S.A.D. 88 $28,906, 6,279 sq.yd. S.A.D. 89 $26,100, 24,185 sq.yd. S.A.D. 90 $94,769, and 1,557 sq.yd. S.A.D. 91 $6,481; to Western Constr. Co., 5123 Wesson Ave., Detroit, sewer in S.A.D. 92 $2,987. Grand total $194,696.

Mich., River Rouge—Asphalt resurfacing approximately 31,500 sq.yd. Jefferson Ave., to R. J. Powelson Co., 6530 Epworth Blvd., Detroit, $40,000. Noted Apr. 8.

Mich., Sturgis—Grading, curbing and oil asphalt on concrete paving approximately 3 mi. Sturgis Ave., Main and George Sts., to Grace Constr. Co., 220 Utility St., Fort Wayne, Ind., $122,546. Noted May 6.

Ill., Chicago—Bd. Local Impvts., Room 207, City Hall, grading and 7 in. concrete paving roadways of alley between East 38th St. and East Pershing Rd., South Michigan and South Wabash Aves., alley between West 52nd and West 53rd, South State and South Dearborn Sts., alley between East 73rd and East 74th Sts., Yates and Oglesby Ave., alley between East 76th and East 77th Sts., Yates and Phillips Aves., alley between Robey St., North Winchester, Bloomington and Wabansia Aves., alleys between Altgood St., Wrightwood, North Harding and North Crawford Aves., to John Dillon & Co., 2953 South Halsted St.; grading, curbing, guttering and 6 in. asphalt on concrete paving Beldin Ave. from Keystone to North Kilbourn Aves., to J. V. McCarthy Co., 77 West Washington St., North Campbell Ave. from Glenlake to Granville Aves., Iowa St. from North Crawford to North Kilbourn Aves., North Linder Ave. from West North to Wabansia Aves., South Lotus Ave. from West Harrison to Lexington Sts., North Luna Ave. from West North to Wabansia Aves., North Mason and North Mayfield Aves., from Bloomingdale Ave. to Cortland St., to White Paving Co., 1735 Fullerton St., Chappel Ave. from East 73rd to East 74th Sts., Eggleston Ave. from West 107th to West 109th Sts., South Claremont Ave. from West 103rd to West 107th Sts., South Oakley Ave. from West 103rd to West 105th Sts., South Irving Ave. from West 104th to West 105th Sts., and West 104th St. from South Leavitt St. to South Western Ave., to Amer. Asphalt Paving Co., 133 West Washington St., West 32nd St. from South Central Park to South Crawford Aves., Pleasant Ave. from West 90th to South Hamilton Aves., South Hamilton Ave. from West 92nd to West 93rd Sts., and 90th St. from Pleasant Ave. to Robey St., to R. F. Conway Co., 844 Rush St., Warwick Ave. from North Long to North Linder Aves., to J. A. Sackley Co., 4608 Belmont Ave.; curbing, sewers, etc., and granite block on 10 in. concrete paving South Clinton St. from West Harrison St. to West Roosevelt Rd., to J. A. McGarry & Co., 189 West Madison St.; grading, curbing and 8 in. concrete paving West 55th St. from South Homan to South Crawford Aves., to Hedges Constr. Co., 64 West Randolph St., Federal St. from West 84th Sts., to Calumet Coal Co., 9022 Commonwealth Ave., Bryn Mawr Ave. from North Crawford to North Kedvale Aves., Keystone and North Karlov Aves. from Bryn Mawr to Hollywood Aves., to Home Paving Co. Noted Apr. 1 and Apr. 22.

Wisconsin—State Hy. Dept., at Office 9, Grant Herald Bldg., Lancaster, crushed limestone surfacing, etc., 18,021 cu.yd. Federal Aid Project 415-A, Grant Co., to T. H. Arthur & Son Co., Dodgeville, $45,445; and grading, culverts, etc., same road, to Steven Bros., 612 Endicott Bldg., St. Paul, Minn., $52,930. Noted May 20.

Wisconsin—State Hy. Dept., Madison, to V. Nelson, Superior, improving Federal Aid Project 408-A, Polk Co., 231,520 cu.yd. earth excav. at $0.32 per cu.yd., 9,918 cu.yd. loose rock excav. $0.50, 1,380 cu.yd. solid rock excav. $2.50, 2,510 cu.yd. top soiling, etc. $0.50, total $166,370. Noted May 20.

Wis., Madison—For 7 and 8 in. concrete paving 20,399 sq.yd. various streets, to J. R. Cullinane, 618 West Dayton St., $96,708; 17,226 sq.yd. various streets, to O'Dea & Shafer, 1019 Oregon Ave., $73,763; and 22,587 sq.yd. various streets, to N. Quinn, 515 West Johnson St., $92,272. Grand total $262,743.

Constr. News page 388

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., concrete paving 10 alleys, to C. H. Slattery, 584 71st Ave., $47,205; 3 alleys, to F. Hildebrand, 734 Wentworth Ave., $26,631; 1 alley each, to E. A. Retzlaff, 868 Island Ave. $1,078 and to Schwerm Bros., 50 Lee St. $1,315. Grand total $76,229.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., to Czerwinski Constr. Co., 816 Clinton St., vibrolithic concrete paving, etc., Euclid Ave. $55,429, Ludlow Ave. $7,433, Mt. Vernon Ave. $11,314, and Park Hill Ave. $13,715, to J. Bluhm & Son, 1298 Achilles Pl., 46th St. $3,527, and 47th St. $3,028; and to Lincoln Constr. Co., concrete curbing and guttering Orchard St. $2,497. Grand total $96,943. Noted June 3.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., sheet asphalt resurfacing, etc. 8,573 sq.yd. 2nd Ave., to White Constr. Co., 68 Wisconsin St., $17,529; and asphaltic concrete paving, etc. 8,566 sq.yd. 35th St., to Badger Constr. Co., 97 Wisconsin St. $41,394. Noted May 27.

Wis., Richland Center—Richland Co., to Burch Constr. Co., Madison, improving State Project 9145, 4,933 cu.yd. earth excav. at $0.45 per cu.yd., 10,692 cu.yd. borrow $0.47, 3,129 cu.yd. shale surfacing $1.50, 1,413 cu.yd. graveling 2, and 3,404 sq.yd. concrete paving, etc., $2.70, total $25,668.

Ia., Algona—Kossuth Co., to M. T. McGuire, Algona, improving Primary Project S-63, 19,096 cu.yd. excav. at $0.22 per cu.yd., 100 cu.yd. loose rock $1.50, etc., Project S-64, 52,039 cu.yd. excav. $0.228, etc., and Project 66, 40,173 cu.yd. excav. $0.214, etc. This corrects report in May 20 issue.

Ia., Ft. Madison—Lee Co., to Cameron-Joyce Co., Omaha, Neb., improving Federal Aid Project 277, 75,713 cu.yd. excav. at $0.28 per cu.yd., 500 cu.yd. excav. $0.40, 92,000 sta.yd. overhaul $0.20, 50 cu.yd. loose rock $0.75, 100 cu.yd. solid rock $1.75, 400 ft. 15 in. culvert labor $0.30, and 360 ft. 18 in. culvert labor $0.40, clearing right-of-way $9.258. Rejected bids 18 culverts and 1 pony truss bridge. Will readvertise.

Ia., Marengo—Iowa Co., to R. T. Osman, Ames, improving 5.455 mi. Federal Aid Project 244, 142,288 cu.yd. excav. at $0.2475 per cu.yd., 1,050 cu.yd. excav. $0.40, 85,000 sta.yd. overhaul $0.02, 264 ft. culvert labor $1, clearing right-of-way, $3,793.

Ia., Ottumwa — Wapello Co., improving 8.558 mi. Federal Aid Project 159-B, Primary Road 13, 31,000 cu.yd. excav., 100,474 sq.yd. paving, etc., to J. C. Blunk Constr. Co., Ottumwa, $231,981.

Ia., Sibley — Osceola Co., to Vander Stouwe, Hull, improving Primary-Secondary Projects S-22, 7,435 cu.yd. gravel 1 mi. haul at $0.45 per 10,001 cu.yd., 1 mi. haul $0.35, 127,459 units ½ mi. haul $0.08, 9,200 cu.yd. stripping $0.20. Noted May 13.

Ia., Sioux City—Concrete paving 12,325 sq.yd. Wall St. from 6th to 14th Sts. and at railroad tracks, to P. C. Hausen & Son, 1422 Court St., $37,884. Noted May 13.

Ia., Vinton—Benton Co., to R. T. Osman, Ames, improving Federal Aid Project 258, 16,161 cu.yd. excav. at $0.249 per cu.yd., 50 cu.yd. loose rock $0.50, and 50 cu.yd. solid rock $1, etc.; to Cameron-Joyce Co., Keokuk, Federal Aid Project 263-A, 40,666 cu.yd. earth excav. $0.33, and 100 cu.yd. loose rock $1.50 100 cu.yd. solid rock $2.50; to Shirley-Caldwell Co., Omaha, Neb., Federal Aid Projects 278 and 285, 162,150 cu.yd. earth excav. $0.278, 200 cu.yd. loose rock $1.50, and 100 cu.yd. solid rock $2.50. Noted Apr. 22.

Ia., Waterloo—Black Hawk Co., improving roads, incl. 30,875 cu.yd. earth and 500 cu.yd. rock excav., to J. A. Dunkel Constr. Co., Webster City, $10,174; 1,436 ft. 8 in. and 17,914 ft. 6 in. tile drain, to E. Eikewald, Emmettsburg, $2,036; bridges 1-12 (inclusive) to Fitfield Constr. Co., Waterloo, $6,200; and culverts, to W. A. Burton, Waterloo $9,394. Grand total $27,804.

Ia., Webster City—Hamilton Co., graveling Project 125, to Moore & Eldridge Co., Clemons, $24,433. Noted May 13.

Minn., International Falls — Concrete paving, etc. approximately 32,100 sq.yd. various streets, to Johnson & Stubee, International Falls, $116,465.

Kan., Alma — Wabaunsee Co., to J. L. Collins, Junction City, improving 6.053 mi. Federal Aid Project 292-D, excav., cable wire and hedge $18,011, drainage structures $9,535, Bridge 1 $3,528, and Bridge 2 $3,321. Grand total $34,395.

Kan., Columbus—Cherokee Co., concrete paving 1.328 mi. Federal Aid Project 96-A and C, 18 ft., to Du Bois & Co., Pittsburg, $60,284.

Kan., Neodasha — Brick paving various streets, to J. S. Vance, Garnett, $37,873.

Kan., Wellington—Sumner Co., grading, sand clay surfacing, etc. 7.923 mi. Federal Aid Project 323-C, to Shultz Constr. Co., Pittsburg, $28,821. Noted May 13.

Neb., Gering—Warrenite bitulithic concrete paving, etc., 14,078 sq.yd. various streets, to A. H. Read Co., Omaha, at $2.54 per sq.yd.

N. D., Grafton—Walsh Co., grading, etc. 71,942 cu.yd. road from here northerly to county line, to Graham Bros., Frazee, Minn., $25,149.

Mo., Clayton—A. Kirk, city clk., grading and bituminous macadam paving, etc. 17,500 sq.yd. Hanley Rd., to Bangert Bros., Ferguson, $66,470. Engrs. est. $77,000. Noted May 20.

Mo., Joplin — Asphaltic concrete paving, etc. 14,000 sq.yd. various streets, to Granite Bituminous Paving Co., 1855 Ry. Exch. Bldg., St. Louis, $37,897. Noted May 20.

Mo., St. Charles — Paving, etc. Kingshighway between Clay and Morgan Sts., and Clark St. between 5th St. and Kingshighway, to Bangert Bros., Ferguson $24,550 and $10,725 respectively; asphaltic concrete paving, etc. 3rd St. between Clark and Monroe Sts., to Bridges Asphalt Paving Co., Buder Bldg., St. Louis, and penetration asphalt paving, etc. 4th St. between Clark and Monroe Sts., to C. P. O'Reilly & Co., Wainwright Bldg., St. Louis; also concrete sidewalks on 9th St. between Clay and Clark Sts., to E. H. Rothermich, St. Charles, $4,230.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, to Webb Boone Paving Co., 5103 Fyler Ave., asphalt paving 10,090 sq.yd. Glasgow St. $40,872, asphaltic concrete paving, etc. 1,790 sq.yd. Bowen St. $9,862, 5,103 sq.yd. Duke St. $6,303, 1,330 sq.yd. Dunnica St. $9,267, and 1,940 sq.yd. 38th St. $10,745; to Trinidad Asphalt Mfg. Co., Title Guaranty Bldg., asphalt paving, etc. 9,240 sq.yd. Leffingwell St. $39,216, and asphaltic concrete paving, etc. 1,430 sq.yd. Wall St. $9,342; to M. L. Flinn Paving Co., Davidson Bldg., Sioux City, Ia., asphalt paving, etc. 39,685 sq.yd. Kingshighway Blvd. $157,943, and 27,325 sq.yd. Hawthorne St. $95,816; to Bridges Asphalt Paving Co., Buder Bldg., asphalt concrete paving, etc. 985 sq.yd. Sexauer St., $7,069; to Skrainka Constr. Co., Security Bldg., concrete paving, etc. 2,680 sq.yd. Cutter Ave. $11,249, 720 sq.yd. Wilcox St. $5,410, and brick paving, etc. 1,155 sq.yd. Newstead St. $7,475; and to Central Paving & Constr. Co., 6161 Maple Ave., warrenite bitulithic paving, etc. Thekla St., $27,866. Grand total $438,435. Noted May 13.

Tex., Galveston—Asphalt and rein.-con. paving 35th St., from Bway. to Seawall Blvd., to H. J. Hetkes, 3110 Ave. F, $88,458. Noted June 10.

Tex., Galveston—C. C. Washington, engr. Galveston Co., concrete paving, etc., 5.603 mi. Highway 6, Federal Aid Project 466-G, to J. P. Foty, Wichita Falls, $197,599. Engrs. est. $225,000. Noted June 10.

Tex., Georgetown — Williamson Co., grading, bridging, etc. 11.49 mi. Highway 29, State Aid Project 652, to Armstrong & Armstrong, 502 Houston Bldg., San Antonio, $66,400. Engrs. est. $67,000.

Tex., Liberty — Liberty Co., Bates type section rein.-con. paving 13.8 mi. State Highway 3, Federal Aid Project 352, Unit 5, 18 ft., to Hanson-Pearce Constr. Co., Pryor, Okla., $323,049. Engrs. est. $400,000 incl. 10% for engineering and contingencies. Noted June 10.

Okla., Carnegie—Grading, curbing, guttering, cross walks and concrete paving 17,800 sq.yd. various streets, to Gallamore Constr. Co., Cushing, $70,420.

Okla., Oklahoma City—Grading and sheet asphalt paving 12,500 sq.yd. 20th St., to Western Paving Co., Tradesmens Bldg., 77,314. Engrs. est. $80,000.

Nevada—State Hy. Dept., Carson City, surfacing, etc. 7.57 mi. Sparks-Hafed Rd., Route 1, Sects. B-4 and B-2, Washoe Co., to Nevada Rock & Sand Co., Reno, $35,660. Noted June 10.

Arizona—W. C. Lefebvre, Phoenix, state engr., improving Federal Aid Project 82-A, Yuma-Gila Bend Highway, to White & Miller, Yuma, for State Hy. Dept. $99,929. Noted May 20.

Washington—State Hy. Dept., Olympia, **(F. A. P. means Federal Aid Project and S. R. Means State Road)** grading 97,500 cu.yd. F.A.P. 131-B, S.R. 12, Lewis Co., to Hendricks & Olson, Chehalis, $71,669; graveling, etc. 10,285 cu.yd. S.R. 8, Clarke and Skamania Counties, to L. Welch, P. O. Box 205, Goldendale, $9,113; concrete paving, etc. 0.2 mi. Mt. Vernon-Anacortes Highway, Skagit Co., to Norris Bros., Burlington, $7,678; constructing 40 ft. rein.-con. thru girder bridge over Duncan Creek, on S.R. 8, Skamania Co., to Attwell Bros.,

Streets and Roads (Continued)

Port Orchard, $7,045; and loading 10,000 cu.yd. sand on cars at Attalia Sand Pit on S.R. 3, Walla Walla Co., to F. Epperson, Dayton, $2,800. Grand total $98,305. Noted May 6.

California—State Hy. Comn. Sacramento, grading and screened gravel surfacing 3.8 mi. road between point 4 mi. west of Bieber and Bieber, Lassen Co., to J. F. Collins, Stockton, $65,019. Engrs. est. $79,979. Noted May 6.

Calif., Beverly Hills — D. J. Firminger, city clk., 2 in. Warrenite on 6 in. concrete paving Wilshire Blvd. between city limits, to Braun, Bryant & Austin, 6244 Washington Blvd., Los Angeles, $595,780. Noted June 3.

Calif., Corona—Grading, curbing, walks and 3 in. oil macadam paving 298,386 sq.ft. 9th, 6th Sts., etc., to A. T. Ingalls, 1604 West 39th St., Los Angeles, $43,050. Noted May 27.

Calif., Los Angeles—Bd. Pub. Wks., resurfacing Badger Ave. and Dock St., to Pan-Pacific Constr. Co., Citizens Natl. Bldg., $76,700; curbing, guttering, walks and 5 in. concrete paving, etc., Rosanna St. between Riverside Dr. and Ripple St., to Spencer & Holt, 402 Frost Bldg., $66,900; and 8 in. concrete paving Florence Ave. between South Park and Vermont Aves., to G. H. Oswald, 366 East 58th St., $233,935. Grand total $377,535. Noted June 3 and 10.

Calif., Los Angeles—Curbing, walks, asphalt and 6 in. concrete paving, etc. 22nd St. between Velasco and Lorena Sts., to G. H. Oswald, 366 East 58th St., $114,555. Noted Mar. 4.

Calif., Los Angeles — Los Angeles Co., concrete paving, etc., 418,546 sq.ft. Co. Impvt. 524, 114th St., etc., to Curtis Paving Co., 2440 East 26th St., $116,527.

Calif., Los Angeles—Supervs. Los Angeles Co., concrete paving 270,150 sq.ft. Slauson Ave. between Laguna Rd. and flood control line, to Laguna-Maywood Land Corp., Consolidated Bldg., at $0.11 per sq.ft. Noted May 6.

Calif., Los Angeles—Los Angeles Co., 6- to 8-in. concrete paving, etc., 584,809 sq.ft. El Monte St., to Pearson & Dickerson, 217 Loring Bldg., Riverside, $69,970. Noted June 10.

Calif., San Diego—Common Council, 5 in. concrete paving, etc., 197,577 sq.ft. Newton Ave., to K. S. Heath, National City, $32,965. Noted Apr. 29.

Calif., San Diego—Common Council, improving Woolman Ave., to J. Hansen, 413 Bancroft Bldg., $93,914. Noted June 10.

Calif., Watts—Grading, curbing, guttering, walks and 6 in. concrete paving, etc. Santa Ana Blvd. between Wilmington Ave. and Walton Tract, and also portions 110th St. and Defiance Ave., to G. H. Oswald, 366 East 58th St., Los Angeles, $35,625 and $31,390 respectively.

Quebec — Provincial Government Roads Dept., Parliament Bldgs., Quebec, bituminous oiling roads in St. Remi, Napierville, Adirondack, St. Mathieu, St. Edouard and Hemmingford, also in De Sales, Montreal North, Ste. Dorothee, St. Martin, St. Leonard de Port Maurice, Maurice, St. Vincent de Paul, Beaconsfield, Highland, Vaudreuil and St. Clet, to Imperial Oil Ltd., 918 St. Patrick St., Montreal, $31,990 and $37,863 respectively.

Ontario—Waterloo Co., asphaltic concrete paving 10,858 sq.yd. and concrete paving 6,369 sq.yd. Eagle and Fountain Sts. in Preston, to Standard Co., Central Chambers, Ottawa; 7,800 sq.yd. road Preston to Blair Bridge 5,300 sq.yd. in Conestogo, 3,700 sq.yd. in Waterloo, and 3,700 sq.yd. Huron St. in New Hamburg to Lichty Bros., Wellesley. Engrs. est. $75,000.

Ont., Hamilton—Concrete paving 10,000 sq.yd. suburban roads, Saltfleet Twp., to Brennan Contg. Co., 400 Gage Ave. N. Engrs. est. $30,000.

Ont., Weston—Concrete curbing, guttering and asphalt on concrete paving 7,000 sq.yd. Main St., to Constructing & Paving Co. Ltd., Confederation Life Bldg., Toronto. Engrs. est. $30,000.

Buildings—Commercial

Proposed Work

Mass., Boston—HOSPITAL—City, Hospital Dept., having sketches made by Maginnis & Walsh, 100 Boylston St., 3 story and basement, brick, Harrison Ave. $200,000.

Mass., Boston—OFFICE—Natl. Casket Co., P. B. Heintz, mgr., 3 Park St., having plans prepared by Chapman & Frazer, 112 Water St., Boston, 4 story and basement, 8,000 sq.ft. floor space, brick, 355 Commonwealth Ave. To exceed $150,000.

Mass., Boston—POLICE STATION—City having plans prepared by McLaughlin & Burr, 88 Tremont St., 2 story and basement, rein.-con. and brick police station and municipal building addition. $150,000.

Mass., Boston — SALES and SERVICE GARAGE — Suburban Realty Corp., 200 Devonshire St., having plans prepared by E. B. Stratton, 25 Arch St., 3 story, 2,200 sq.ft. floor space, rein.-con. and brick, 124-128 Brookline Ave. $150,000.

Mass., Boston—STORAGE—D. W. Dunn, Storage Co., 46 Bromfield St., having plans prepared by E. D. R. Chapman, c/o owners, altering and constructing 6 story, 90 x 105 ft., brick addition. $160,000.

Mass., Boston—Y. M. C. A. A. S. Johnson, pres., 316 Huntington Ave., plans raising $500,000 funds, Y. M. C. A. building, Dist. 4. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.) — HOTEL and STORE — Corporation, c/o S. Ernest, 1134 Massachusetts Ave., plans 10 story and basement, brick, 18-20 Boylston St. $500,000. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.) — STOREHOUSE—E. P. Sanderson Co., 31d St., East Cambridge, plans rein.-con., Pinney and Munroe Sts. $150,000 or more. Engineer and architect not selected.

Mass., Cohasset—TOWN HALL—Town, D. W. Gilbert, chn. building com., having sketches made by C. M. Baker, 25 Arch St., Boston, 2 story and basement, brick and stone town hall. $150,000. Noted Apr. 30.

Mass., Dorchester (Boston P. O.)—FIRE STATION—Fire Dept., 60 Bristol St., Boston, plans brick, fire station, Parish St., Meetinghouse Hill Sect., here. $150,000 or more. Engineer and architect not selected.

Mass., Everett (br. Boston) — CITY HALL — City, L. B. Chisholm, mayor, plans memorial city hall, probably brick and concrete, Bway. $500,000. Engineer and architect not selected.

Mass., Newburyport—BANK—Newburyport Five Cent Savings Bank, G. W. Richardson, pres., 74 State St., plans 1 story and basement, rein.-con., brick and granite bank. $150,000. Engineer and architect not selected.

Mass., Norwood—THEATRE—T. Hayden, 10 Central St., having preliminary plans prepared by W. G. Upham, Bigelow Blk., 1 story and basement, brick, stone and steel theatre. $150,000.

Mass., Rockland — MEMORIAL — Rockland Amer. Legion, J. E. Gallagher, doctor, plans 1 or 2 or more story, brick, stone and marble, Union St. $150,000 or more. Engineer and architect not selected.

Mass., Springfield—HOME—Boston Seamans Friend Society, 274 Hanover St., having sketches made by Brainard & Leeds, 89 Franklin St., 2 or more story rest home, brick, Franklin St. $250,000.

Mass., Springfield—OFFICE, etc.—Kibbe Candy Co., Harrison Ave., plans brick and steel office and candy factory, Berkshire Ave. $250,000.

Mass., Springfield—STORE and OFFICE —W. T. Young Realty Co., Temple St., having preliminary plans prepared by W. E. Dibble, 21 Bease Pl., 6 story and basement, 90 x 120 ft., brick and steel, Dwight and Hillman Sts. To exceed $150,000.

Mass., Waltham (Ind. br. Boston) — STORE and APARTMENT—T. A. Joyce and J. T. McClinchey, 135 Moody St., plans 3 story and basement, brick, Main and Bacon Sts. $150,000. Engineer and architect not selected.

Mass., Worcester — EXCHANGE — New England Telephone & Telegraph Co., 50 Oliver St., Boston, having preliminary plans prepared by Densmore, LeClear & Robbins, Park Sq. Bldg., Boston, exchange, Elm and Chestnut Sts., here.

R. I., Providence—BANK—Industrial Trust Co., Westminster St., having plans prepared by Walker & Gillette, 128 East 37th St., New York City, 23 story, 140 x 200 ft., brick and steel, Westminster St. $2,000,000. Noted Jan. 14.

R. I., Providence — TEMPLE — Masonic Grand Lodge, having revised plans prepared by Osgood & Osgood, Grand Rapids, Mich., and Jackson, Robertson & Adams, associated archts., Turks Head Bldg., 1 and 2 story and basement, brick, granite and stone, Francis and Brownell Sts. To exceed $150,000. Noted Oct. 2, 1924.

Conn., Hartford — GARAGE — F. W. Arnold & W. H. Van Sant, former 776 Farmington Ave., West Hartford, plan 6 story garage, Hicks and South Ann Sts., here. $600,000-$700,000.

Conn., Middletown—BANK—Middletown Savings Bank plans bank, Main and Court Sts. $150,000 or more. Engineer and architect not selected.

Conn., New Britain—THEATRE—Owner, c/o G. Le Witt, 299 Main St., having plans prepared 2 story, 115 x 200 ft., brick and steel, Washington St. $250,000. Private plans. Noted June 3.

Conn., Stamford — CLUB — Young Women's Assn., 180 Summer St., having plans prepared by Butler & Provost, 292 Main St., 4 story and basement, 30 x 120 ft., and 2 wings, brick and steel, incl. swimming pool, Summer St. $225,000.

N. Y., Brooklyn — SERVICE STATION and GARAGE—Bullard-Murtha Motor Co., Inc., c/o H. Holder, engr. and archts., 242 Franklin Ave., soon takes bids rein.-con., brick and steel, plain foundation, Quentine Rd. $200,000.

N. Y., Brooklyn—THEATRE—Marlboro Theatre Corp., c/o C. A. Sandblom, engr. and archt., 145 West 45th St., New York City, having plans prepared brick, steel and stone, plain foundation, 22nd Ave. $2?6,000.

N. Y., New York—HOTEL and OFFICE —South Central Park Corp., F. H. Davol, Jr., pres., c/o Caughey & Evans, engrs. and archts., 29 West 34th St., having plans prepared brick, steel and stone, plain foundation, 150 West 59th St. $3,500,000.

N. Y., Peekskill—HOTEL and STORE— J. Pollach, c/o Gronenberg & Leuchtag, engrs. and archts., 1385 Bway., New York City, soon takes bids 5 story, brick, steel and stone, plain foundation, North Division St., here. $350,000.

Pa., New Castle—HOTEL—Bd. of Trade, c/o O. P. Brown, Greer Bldg., having plans prepared by A. L. Thayer, 6 story and basement, 100 x 160 ft., brick, stone and steel, Mercer and Fall Sts. $750,000. W. G. Eckles Co., New Castle, engrs.

Pa., Phila.—OFFICE and LOFT—Owner, c/o Barber Hartman Co., Commonwealth Bldg., having plans prepared by Stuckert Co., Crozer Bldg., 8 story and basement, 71 x 143 ft., rein.-con. and brick, plain foundation, 13th, Wood and Carlton Sts. $500,000.

Md., Baltimore—HOSPITAL—Johns Hopkins Hospital (Wilmer Institute) having plans prepared by J. E. Sperry, Calvert Bldg., 4 story, irregular shaped, brick and steel, plain foundation, Bway. and Monument St. $700,000. H. F. Doeleman, 509 North Charles St., engr.

N. C., Greensboro—OFFICE and STORE —C. S. Watson, plans 8 story and basement, South Greene St. $400,000.

Fla., Orlando—HOTEL—C. A. Roberts Real Estate Co., plans Orlando Terrace Hotel, West Central Ave. and Hughey St. $200,000.

Fla., Tampa—OFFICE—Coates Plumbing Supply Co., 312 Washington St., having plans prepared by F. J. James, Citizens Bank Bldg., brick, steel and rein.-con., 13th St. and 5th Ave. $150,000.

Miss., Biloxi—CLUB HOUSE—Bay Harbor Syndicate, Inc., and Grayson & Co., having preliminary plans prepared by C. Matthes, Biloxi, 2 story and basement, 160 x 336 ft., rein.-con., brick, stone and tile, incl. swimming pool enclosed in glass, etc., Langley Point. $250,000.

Miss., Laurel — HOTEL, etc. — W. B. Rogers, et al, c/o Eastman, Gardiner & Co., having preliminary plans prepared by Otis & Fuller, 6 North Michigan Ave., Chicago, Ill., and L. W. Duffee, Norman Bldg., 100 room brick, concrete, stone and terra cotta hotel, 100 stucco cottages, 2 golf courses, etc., near west city limits. $2,000,000.

La., Marksville — COURT HOUSE — Avoyelles Parish Police Jury, plans election soon $200,000 bonds, brick, steel and rein.-con. courthouse. H. J. Duncan, 120 Murray St., Alexandria, archt.

O., Cleveland—AUTO SALES and SERVICE—F. R. Walker & A. H. Tashjian, c/o Walker & Weeks, archts., 1900 Euclid Bldg., had plans prepared 2 and 5 story and basement, 76 x 376 ft., brick, steel and concrete, 2408 Prospect Ave. $500,000. Jones-Finney Co., 3720 Prospect Ave., Cleveland, lessee.

O., Cleveland—POLICE STATION—City, E. D. Barry, dir. Pub. Safety, City Hall, having plans prepared by H. Kregelius, 604 City Hall, 2 story and basement, brick, Brooklyn Dist. $200,000.

O., Columbus—THEATRE—Loews, Inc., 1540 Bway., New York City, N. Y., having sketches made by T. W. Lamb, 664 8th Ave., New York City, N. Y., fireproof motion

Constr. News page 389

Buildings—Commercial (Continued)

picture theatre, 3,500 seating capacity, East State St., here. $1,000,000.

O., Shaker Heights (Cleveland P. O.)—COMMERCIAL and APARTMENT—J. M. Sands, 2630 Edgehill Rd., having preliminary plans prepared by Morris & Weinberg, 3608 Euclid Ave., 3 story and basement, brick, Kinsman Ave. and Warrensville Center Rd. $150,000.

Mich., Battle Creek — OFFICE — See "Buildings—Educational, Religious."

Mich., Dearborn — BANK — First Natl. Bank of Dearborn, having plans prepared by H. S. Angell, 607 Transportation Bldg., Detroit, 4 story and basement, 100 x 100 ft., rein.-con., brick and steel, plain foundation. $200,000.

Mich., Detroit—COMMUNITY HOUSE—Harper-Van Dyke Business Assn., c/o V. J. Waier & Co., 2539 Woodward Ave., having plans prepared 3 story and part basement, 146 x 245 ft., rein.-con., brick and steel, plain foundation, Harper Ave. $800,000.

Ill., Chicago—APARTMENT—M. Thorck, 850 Irving Park Blvd., having plans prepared by R. E. France & Co., 155 North Clark St. and takes bids about July 8, 12 story and basement, 50 x 150 ft., rein.-con., brick and terra cotta, 3918-24 Lake Shore Dr. $1,000,000.

Ill., Chicago—HOTEL—Oldefest & Williams, archts., 605 North Michigan Ave., preparing plans and take bids about July 6, 15 story and basement, 71 x 132 ft., rein.-con., brick and terra cotta, 1214-18 North State St., for F. Brons, 1021 North Dearborn Ave. $1,500,000.

Ill., Chicago—OFFICE and EXCHANGE—Chicago Mercantile Exch., 136 West Lake St., having plans prepared 16 story, 80 x 120 ft., brick, steel and stone, Washington and Franklin Sts. $2,000,000. Engineer and architect not selected.

Ill., Chicago—THEATRE, OFFICE and STORE—Midwest Syndicate, c/o G. Walter, engr., 3802 North Hamilton Ave., having plans prepared and takes bids about July 1, 3 story, 115 x 225 ft., brick and terra cotta, Cicero and Belden Aves. $700,000.

Ill., Macomb—HOTEL—Community Hotel Corp., J. W. Bailey, treas., soon lets contract 4 story and basement, 65 x 112 ft.; and 40 x 49 ft., rein.-con., brick and stone hotel. $150,000. Berger & Kelley, Champaign, archts.

Wis., Milwaukee—APARTMENT—O. F. Priebe, 3501 Highland Blvd., having plans prepared 3 story and basement, 42 x 130 ft., brick and tile, plain foundation, 14th St. $150,000. Private plans.

Wis., Racine — THEATRE and BUSINESS — Buhler & Buhler, 1418 Washington Ave., having plans prepared by E. A. Meyer, 2703 Lisbon Ave., Milwaukee, 2 story and basement, 71 x 184 ft., rein.-con., brick and terra cotta, plain foundation, Washington Ave. $165,000.

Kan., Kansas City—HOTEL—Chamber of Commerce W. L. Vaughn, chn. com., 17th and Central Sts., having plans prepared hotel. $600,000. H. K. Ferguson & Co., 6523 Euclid Ave., Cleveland, O., engrs.

Mo., Bean Lake (Iatan P. O.) — SANITARIUM—L. A. Gegglin plans sanitarium. $150,000.

Mo., Kansas City — APARTMENT HOTEL — R. T. Collins, c/o Collins Bros., Davidson Bldg., plans 10 story and basement, rein.-con. and brick, 51st and Wornall Sts. Engineer and architect not selected.

Mo., Kansas City—EXCHANGE—Kansas City Telephone Co. having plans prepared by C. A. Smith, 800 Finance Bldg., 3 story and basement, rein.-con. and brick, 39th and Walnut Sts.

Mo., Kansas City — HOTEL — E. J. Willett, 3619 Bway., having preliminary plans prepared 12 story and basement, 154 x 275 ft. hotel, 37th St. and Bway. Engineer and architect not selected.

Mo., St. Louis—HOTEL and OFFICE—Local Syndicate, c/o H. R. Weisels, Inc., 730 Chestnut St., and Holbrook-Blackwelder Real Estate Co., 1010 Olive St., having preliminary plans prepared 37 story and basement hotel and 15 story office building, rein.-con., brick, steel, stone and terra cotta, 12th Blvd., 13th, Olive and Pine Sts. $10,000,000. G. D. Barnett, 913 Syndicate Trust Bldg., archt.

Tex., Amarillo—THEATRE—Dent Theatre Interests, c/o W. R. Winch, mgr., and L. L. Dent, pres., plans 1500 seating capacity, brick and rein.-con., Polk St. $150,000. Engineer and architect not selected.

Tex., Amarillo—THEATRE and OFFICE—J. J. Harden, 3405 Classen St., Oklahoma City, Okla., plans 5 story and basement,

Constr. News page 390

brick, rein.-con., West 6th St., here. $200,000. Engineer and architect not selected. $200,000.

Tex., Borga (mail Hillsboro)—HOTEL—R. R. McMillen, Kansas City, Mo., having plans prepared by Kerr & Walsh, Amarillo, 3 story, brick, stone and rein.-con. hotel, here. $150,000.

Tex., Corpus Christi — HOTEL — J. E. Poulos & Son, c/o Mecca Cafe, San Antonio, having plans prepared by A. B. and R. M. Ayres, c/o Bedell Bldg., San Antonio, 4 or 5 story hotel. $175,000.

Tex., Galveston — HOTEL — Boulevard Hotel Co. having plans prepared by P. G. Silber & Co., 331 Bedell Bldg., San Antonio, 12 story and basement, rein.-con. and brick, plain foundation. $1,350,000.

Tex., San Antonio — HOTEL — Gunter Hotel Co., having plans prepared by H. S. Green, c/o Alamo Natl. Bank Bldg., 3 story, brick and rein.-con. top addition, etc., Houston and St. Marys Streets. $400,000. Noted June 3.

Tex., Sweetwater—CITY HALL—Election June 29, $160,000 bonds, new city hall. M. L. Trammell, secy.

Okla., Enid—HOSPITAL—Enid General Hospital having preliminary plans prepared by R. W. Shaw, Enid, 5 story and basement, 75 x 140 ft., rein.-con. and brick addition, West Randolph St. $150,000.

Okla., McAlester — COURT HOUSE — Pittsburg Co. voted $200,000 bonds, new court house. Noted May 6.

Nev., Reno—HOTEL — APARTMENT — G. Wingfield, Reno Natl. Bank Bldg., plans probably 4 story, 265 room hotel-apartment, here. $500,000.

Wash., Bellingham — HOTEL — Hotel Byron Co. plans Hotel Leopold. $500,000.

Wash., Port Angeles — LODGE — B. P. O. E. takes bids about Aug. 1, 4 story and basement, 90 x 100 ft., brick, terra cotta and cast stone lodge incl. 22 x 50 ft. swimming pool. $160,000. C. J. Stanley, White-Henry Bldg., Seattle, archt.

Wash., Seattle—APARTMENTS—L. N. Rosenbaum, 175 5th Ave., New York City, N. Y., having plans prepared by Pretica & Peters, Pantages Bldg., 12 story and basement, 9th and Pine Sts., also 10 story and basement, 9th and Pike Sts., both rein.-con.

Calif., Albany—THEATRE and STORE—Albany Theatre, Inc., c/o J. Van Der Linden, archt., 1241 Carrison St., Berkeley, having preliminary plans prepared 2 story, steel and rein.-con., San Pablo Ave. $160,000.

Calif., Culver City—BANK and OFFICE—Pacific Building & Loan Assn., having plans prepared by Curlett & Beelman, Union Bank Bldg., Los Angeles, 16 story and basement, 75 x 115 ft., steel, brick and rein.-con., Main and Putnam Sts. To exceed $500,000.

Calif., Culver City — EXCHANGE — Southern California Telephone Co., 740 South Olive St., Los Angeles, having plans prepared by Parkinson & Parkinson, Title Insurance Bldg., Los Angeles, 4 story and basement, 65 x 92 ft., phone exchange, Cardiff Ave., here.

Calif., Los Angeles—APARTMENT—E. W. Knox, c/o R. D. King, archt., Van Nuys Bldg., had plans prepared 5 story and basement, 58 x 140 ft., rein.-con., Kenmore Ave. near 6th St.

Calif., Los Angeles — APARTMENT — M. M. Friedman, archt., Detwiler Bldg., preparing plans 4 story and basement, brick, Washington St. $150,000. Owner's name withheld.

Calif., Los Angeles — OFFICE and STORE — Security Title Co., 105 North Bway., having preliminary plans prepared by J. Braunswalder, 1413 Quintero St., 12 story and basement, steel, on 54 x 165 ft. site, Bway. north of 1st St. $750,000.

Calif., Los Angeles — STORE and OFFICE — Lesser & Rosenberg, c/o L. A. Smith, archt., Film Exch. Bldg., had preliminary plans prepared 2 story, brick Santa Monica Blvd. $150,000.

Calif., Marysville — HOTEL — Interests headed by B. J. Dunwoody, 322 K St., Sacramento, plans probably brick hotel. $150,000.

Calif., Oakland—HOTEL and STORE—J. Van Der Linden, archt., 1241 Carrison St., Berkeley, preparing preliminary plans 6 story and basement, brick or concrete, 19th St. $150,000 or more. Owner's name withheld.

Calif., Oakland—WAREHOUSE—Carr & Creston, c/o Roeth, Couchot & Rosenwald, archts. and engrs., 1404 Franklin St., had plans prepared 4 story and basement, rein.-con., 4th and Alice Sts. $150,000.

Calif., Pasadena—HOTEL—E. Van der Hoven, archt., Black Bldg., Los Angeles, soon takes bids 6 story, 100 room, rein.-con. hotel annex, here, for Maryland Hotel Co. Noted June 3.

Calif., San Diego — OFFICE — Medico-Dental Building Corp., c/o L. Rogers, archt., Spreckels Bldg., having plans prepared 13 story and basement, 11th and C Sts. $1,000,000.

Calif., San Francisco—APARTMENTS—O. R. Thayer, archt., 110 Sutter St., had plans prepared 6 story and basements, Sacramento St. near Franklin St., and 3 story and basement, O'Farrell Ave. near Hyde St., both brick and steel. $150,000 each. Owner's name withheld.

Calif., San Francisco—APARTMENT—E. E. Young, archt., 2002 California St., preparing revised plans and soon takes bids 6 story and basement, concrete, Chestnut and Leavenworth Sts., for M. Healey. $175,000.

Calif., San Francisco—APARTMENT—California Real Estate & Finance Co., 519 De Young Bldg., had plans prepared by A. A. Larsem, 110 Sutter St., two 3 story and basement, brick apartments, Sutter St. west of Octavia St. $75,000 each.

Calif., San Francisco — APARTMENT — L. B. Ham, 105 Montgomery St., had plans prepared by A. J. Horstman, 110 Sutter St., 5 story and basement, concrete and steel, Larkin and Green Sts. $150,000.

Calif., San Francisco—APARTMENT—Owner, c/o J. L. Stewart, 703 Market St., having plans prepared 6 story and basement, 137½ x 137½ ft., concrete and steel, Jackson St. near Jones St. $250,000.

Calif., San Francisco—CLUB—Embassy Club having plans prepared by W. H. Weeks, 369 Pine St., 14 story and basement, in downtown section. $1,500,000.

Calif., Santa Monica—STORE and OFFICE—F. H. Heep, et al, c/o Gable & Wyant, archts., 634 South Western Ave., Los Angeles, had plans prepared 4 story, 75 x 150 ft., brick, 5th St. and Bway. To exceed $150,000.

Calif., Van Nuys — THEATRE — N. Scheinberg, plans fireproof, Sherman Way and Kittridge Sts. $150,000.

Ont., Rouge Hill — CLUBHOUSE — C. White & Co., 92 Church St., Toronto, having plans prepared by N. A. Armstrong Co., Ltd., 7 King St. E., Toronto, 1 and 2 story, brick and timber clubhouse, incl. pump house and concrete swimming pool. $150,000.

Ont., Toronto — THEATRE — R. McLelland, 2492 Yonge St., having plans prepared by M. Brown, Confederation Life Bldg., 2 or 3 story and basement, rein.-con., brick and steel, plain foundation, Mount Pleasant Rd. $150,000.

Ont., Toronto — THEATRE — R. McLelland, Capitol Theatre, 2492 Yonge St., plans 2 or 3 story and basement, rein.-con., brick and steel, plain foundation, Yonge St. $150,000. Engineer and architect not selected.

B. C., Vancouver — HOTEL — Syndicate, c/o McCarter & Nairne, archts., 509 Richards St., having preliminary plans prepared 10 story, 516 room, rein.-con., plain foundation, Georgia and Bovard Sts. $5,000,000 incl. site.

Bids Desired

Me., Portland—STORE and OFFICE—L. Kamber, 225 Middle St., taking bids 5 story and basement, brick, plain foundation, Center and Congress Sts. To exceed $150,000. Kroykn, Browne & Rosenstein, 220 Devonshire St., Boston, Mass., archts.

Mass., Boston — SALES and SERVICE GARAGE—See "Contracts Awarded."

Mass., Lynn—APARTMENT—See "Contracts Awarded."

Mass., Pittsfield—BANK—Berkshire Life Insurance Co., c/o Harding & Seaver, archts., 7 North St., taking bids 4 story and basement, rein.-con., steel, granite and limestone, plain foundation, West and North Sts. $200,000.

Mass., Roxbury (Boston P. O.) — THEATRE and STORE — S. Rudnick, 333 Washington St., Boston, taking bids 1 story and basement, brick and steel, Warren and Waverly Sts., here. $250,000. Blackall, Clapp & Whittemore, 31 West St., Boston, archts.

Mass., Springfield — APARTMENT—See "Contracts Awarded."

Conn., New Haven—OFFICE—June 24, by Southern New England Telephone Co., 126 Court St., 12 story, 40 x 45 ft., and 40 x 120 ft., brick and steel, Court St. $500,000. R. W. Foote, 185 Church St., archt. Noted Apr. 15.

N. Y., Brooklyn—THEATRE—See "Contracts Awarded."

N. Y., Utica — OFFICE — Utica Gas & Electric Co., 220 Genesee St., taking bids 8 story and basement, rein.-con. and brick office building. $600,000. Bagg & Newkirk, 255 Genesee St., archts. Schenck & Williams, Mutual Home Bldg., Dayton, O., consult. archts.

Buildings—Commercial (Continued)

Ala., Opelika—HOTEL—July 1, by J. L. Preacher, 8 story and basement, 124 x 174 ft., rein.-con., incl. roof garden, terrace, etc. Ave. B. $500,000. J. L. Preacher, Atlanta, Ga., archt.

Miss., Gulfport—HOTEL—Gulfport Hotel Corp., c/o A. L. Jagoe, 1st Natl. Bank Bldg., taking bids Markham Hotel, 8 story, 123 x 125 ft., rein.-con., 23rd Ave. and 14th St. B. H. Marshall, 721 North Michigan Ave., Chicago, Ill., archt. Noted May 20.

O., Akron — OFFICE and GARAGE — June 22 (extended date), by W. F. Peters, dir. Pub. Serv., 1 and 2 story, 156 x 280 ft., brick and steel, plain foundation, Johnston St., for City. $150,000. Good & Wagner, Mohawk Bldg., archts. M. P. Tucker, Municipal Bldg., engr. Noted June 10.

O., Cleveland—BATH HOUSE, etc.—June 18, by City, W. R. Hopkins, city mgr., City Hall, 1 story, 75 x 400 ft., rein.-con. bath house and swimming pool, Woodland Hills Park. $200,000. H. Kregelius, 604 City Hall, archt.

O., Cleveland—LABORATORY—June 23, by City, W. R. Hopkins, city mgr., City Hall, 2 story and basement, 51 x 170 ft., brick, steel and concrete diagnostic laboratory, Scranton Rd. $300,000. A. Garfield, Natl. City Bldg., archt. Noted Feb. 18.

Ill., Chicago — APARTMENT — June 22, by R. E. France & Co., archts., 155 North Clark St., 9 story and basement, 75 x 135 ft., rein.-con., brick and terra cotta, Rosemont and Winthrop Aves., for Rosemont-Winthrop Building Corp., c/o architects.

Ill., Chicago — OFFICE — F. D. Chase, Inc., archts., 720 North Michigan Ave., taking bids 16 story and basement, 85 x 100 x 189 ft., 173-181 West Madison St., for Syndicate, c/o Willoughby & Co., 77 West Washington St. $1,000,000.

Wis., Burlington—THEATRE, etc.—W. L. Uglow, 751 Chestnut St., taking bids 2 story and basement, 57 x 127 ft., rein.-con., brick and steel, plain foundation. E. Tough, Washington Bldg., Madison, archt. Noted June 10.

Wis., Kenosha — THEATRE — Woln & Ramstahl, archts., 453 Mitchell St., Milwaukee, taking bids 2 story and basement, 69 x 176 ft., rein.-con. and brick, plain foundation, here, for Dahl Constr. Co., 1563 Salem Ave. $150,000.

Wis., Milwaukee—APARTMENT—June 21, by Backes & Uthus, archts., 216 West Water St., 6 story and basement, 46 x 160 ft., brick, concrete, and terra cotta, Grand Ave., for Sheridan Co., c/o architects.

Wis., Milwaukee—CLUB—June 21, by University Club, 491 Jefferson St., and J. R. Pope, archt., 542 5th Ave., New York City, N. Y., 5 story and basement, 80 x 110 ft., brick, stone and concrete, Juneau Pl. $400,000. Noted Dec. 17.

Wis., Milwaukee—THEATRE, etc.—June 21, by Dick & Bauer, archts., 328 Century Bldg., 2 story and basement, 160 x 240 ft., brick, concrete and terra cotta, plain foundation, Farwell Ave., for Mal Investment Co., 425 East Water St. $800,000. Noted Feb. 18.

Mo., Kansas City—BANK and OFFICE—June 25 (extended date), by Holden, Ferris & Barnes, archts., 1022 Pioneer Bldg., 7 story (ultimately 14 story) and basement, 85 x 115 ft., rein.-con. and brick, 18th and Grand Sts., for City Bank, C. Kemper, pres. $600,000. H. A. Noble, 719 Pioneer Trust Bldg., structural engr. Noted Apr. 29.

Calif., Los Angeles—CITY HALL—June 30, by Bd. Pub. Wks., general, plumbing, heating and ventilating contracts for city hall, Spring St. $3,000,000. Austin, Parkinson & Martin, Chamber of Commerce Bldg., archts.

Calif., Oakland — TEMPLE — Schirmer-Bugbee Co., archts., Thayer Bldg., taking bids 4 story and basement, 100 x 137½ ft. with 50 x 60 ft. wing, rein.-con., 11th and Franklin Sts., for Oakland Labor Temple Assn., c/o architects. $400,000.

Calif., San Francisco—APARTMENTS—See "Contracts Awarded."

Que., Campbells Bay — COURT HOUSE and JAIL — June 23, by J. T. Metayer, deputy minister Pub. Wks. Dept., Parliament Bldgs., Quebec, 2 story, 42 x 108 ft. court house, and 2 story, 35 x 35 ft. addition used as jail, with concrete wall around same, here. G. St. Michel, Dept. Pub. Wks., Parliament Bldgs., Quebec, archt.

Que., Montreal—OFFICE—Willis & Co. Ltd., St. Catherine and Drumond Sts., taking bids 10 story, steel, concrete and stone, St. Catherine St. $300,000. Ross & McDonald, 1 Belmont St., archts.

Contracts Awarded

Me., Lewiston—HOTEL—G. Tapley, c/o E. Sales Co., Portland, 3 story and basement, rein.-con. and brick, plain foundation, Main and Temple Sts., to Kerr & Houston, 272 Middle St. Archts. est. $150,000 or more.

Me., Portland — OFFICE — Pocahontas Coal Co., E. M. Parker, mgr., 3 story and basement, 35 x 70 ft., and 25 x 25 ft. ell, rein.-con. and brick, Commercial St., to Gulliver Co., 120 Exchange St. Archts. est. $150,000.

N. H., Milford—STORE and OFFICE—Milford Co-Operative Society 2 story and basement, brick, to Osgood Constr. Co., 25 East Hollis St., Nashua. Archts. est. $150,000.

N. H., Rochester — STORE, OFFICE, APARTMENT and POWER PLANT—Rochester Realty Co., 1 and 3 story and basement, brick and limestone, Hanson, Wakefield and Autumn Sts., to S. Belanger & Son, 308 Main St., Nashau. Archts. est. to exceed $150,000. Noted June 10.

Mass., Boston — HOTEL and RESTAURANT — Hotel Minerva, 216 Huntington Ave., altering and constructing 4 story and basement, brick addition, to F. S. Masilli, 154 Belgrade Ave., Rosindale. Archts. est. $150,000. Noted June 3.

Mass., Boston — SALES and SERVICE GARAGE—Noyes-Buick Co., 857 Commonwealth Ave., will build 2 story, rein.-con., North Beacon St. $175,000. Work will be done by separate contracts. F. A. McSheffrey, owner's archt. and engr. Noted June 10.

Mass., Boston—STORE and OFFICE—H. F. Winslow, 30 State St., 4 story and basement, brick, Dartmouth St., to C. A. Turner, 18 West Canton St. Archts. est. $150,000.

Mass., Boston — STORE and OFFICE — J. A. Rogers, 1125 Boylston St., altering and constructing 7 story and basement, brick and steel, to Joslin & Landry, 107 Massachusetts Ave. Archts. est. $150,000.

Mass., Cambridge (Boston P. O.) — STORE and OFFICE — T. DeWire, 413 Washington St., Somerville, 2 story and basement, brick, Massachusetts Ave. and Martin St., to Frankini Bros., 30 Mystic Ave., Medford. Archts. est. $150,000.

Mass., Cambridge (Boston P. O.) — STORE, OFFICE and RESTAURANT—E. Sage, Brattle St., 2 story and basement, 60 x 145 ft., brick and stone, plain foundation, Church and Brattle Sts., to Askin & Sullivan, 380 Main St. Archts. est. $150,000. Noted June 3.

Mass., Fall River—MEMORIAL—Goff Memorial for Children, altering and constructing 2 story and basement, brick addition, to McNally Constr. Co., 1st Natl. Bank Bldg. Archts. est. $150,000. Noted June 10.

Mass., Lynn—APARTMENT—M. Frisch, 14 Chase St., 3 story and basement, brick, plain foundation, Hanover Terrace. $200,000. Work will be done by separate contracts. G. A. Cornet, 10 Central Ave., archt. Noted May 27.

Mass., Methuen (br. Lawrence) — SOCIETY—Amer. Legion Post, 122 Methuen St., 2 and 3 story and basement brick and stone, to E. A. Richardson, 120 Lowell St., Westfield. Archts. est. to exceed $150,000.

Mass., New Bedford — OFFICE and STOREHOUSE—New Bedford Gas & Electric Co., Purchase St., 3 story, brick, to T. E. Earl Co., 30 North St., Fairhaven. Archts. est. $150,000.

Mass., Roxbury (Boston P. O.) — ADMINISTRATION—Peter Bent Brigham Hospital, Van Dyle St., 6 story and basement, brick and stone addition, to L. P. Soule & Son Co., 80 Boylston St., Boston. Archts. est. $150,000. Noted June 3.

Mass., Springfield—APARTMENT—M. L. Angers, 238 Longmeadow St., Longmeadow, will build 4 story and basement, rein.-con., brick and steel, 71 School St., by day labor. $150,000. E. L. Labine, c/o owner, archt.

Mass., Worcester — STOREHOUSE and BLACKSMITH SHOP—M. J. Whittal Assn., 4 and 1 story and basement, 85 x 125 ft., rein.-con., brick and steel, Brussels St., to E. Whitehead, 62 School St. Archts. est. to exceed $150,000. Noted May 20.

R. I., Providence — THEATRE and OFFICE — J. Conn, 104 Broad St., 1 and 2 story and basement, brick and steel, to Mahoney & Tucker, 72 Weybossett St. Archts. est. $150,000. Noted Feb. 4.

N. Y., Brooklyn—THEATRE—Atlas Industrial Corp., c/o C. A. Sandblom, engr. and archt., 145 West 45th St., New York City, will build brick, steel and stone, plain foundation, Prospect Ave. $200,000. Work will be done by separate contracts.

N. Y., Buffalo — OFFICE and STORE — Buffalo Goodwill Industries, Inc., 372 Michigan Ave., 5 story, 150 x 175 ft., rein.-con. and brick, Michigan Ave., to Metz Bros., 600 Genesee St. to est. $200,000.

N. Y., White Plains—HOTEL—H. Panchey, Gramatan Hotel, Bronxville, brick, steel and stone, plain foundation, Fisher Ave., to Dwight P. Robinson & Co., 125 East 46th St., New York City. Archts. est. $1,500,000.

N. Y., Yonkers—BATH HOUSE—Westchester Co. Park Comrs., 72 West Pondfield Rd., Bronxville, bath house at Tibbetts Brook Park, to Kenneth MacKay, 2 Hudson St., $218,410. Noted May 27.

Pa., Wilkinsburg—BANK—Wilkinsburg Bank, Wood St., altering and constructing 2 and 3 story and basement, 42 x 133 ft., brick and steel addition, Woods St., to F. Hoffman Co., Wilkinsburg. Archts. est. $200,000. Noted May 27.

Va., Danville—HOTEL and THEATRE—C. B. Clements, general contract 10 story and basement, rein.-con. and steel, to Angle & Blackford, Greensoro, N. C., $304,000; heating to Dermott & Co., Durham, N. C., $57,000. Noted Feb. 18.

S. C., Greenville—HOSPITAL—Shriners, 3 story (2 wings) 145 x 348 ft., rein.-con., brick and steel, plain foundation, near here, to Potter & Sheackelfort, Inc., Greenville. Archts. est. $350,000.

Miss., Jackson—OFFICE—Standard Oil Co. of Louisiana, R. B. Dobson, dist. mgr., 2 story, 84 x 105 ft., rein.-con., brick and steel, to Davis Co., 2023 Ave. C, Birmingham, Ala. Archts. est. $150,000.

Miss., Meridian—HOTEL—Meyer-Florida Hotel Co., T. P. Florida, secy., general contract 11 story and basement, 75 x 101 ft., concrete, brick, steel and terra cotta, 21st Ave., to Gauger-Korsmo Constr. Co., Fidelity Bank Bldg., Memphis, Tenn. Archts. est. $450,000.

La., New Orleans—HOSPITAL—Andre & Feitel, archts., Carondelet Bldg., (1st unit) 3 story, and basement, brick and stone, Melpoment St., to Geary-Oakes Co., Inc., Title Guarantee Bldg., for Mercy Hospital, $237,000. Noted May 6.

La., Shreveport — BUSINESS — Jones, Roessle, Olschner & Weiner, archts., 6 story, 123 x 160 ft., rein.-con., brick and stone, Texas Ave. near Grant St., to L. H. Lacy & Co., 2632 Swiss St., Dallas, Tex., for Johnson Furniture Co. $207,000. Noted May 27.

Tenn., Kingsport — BANK — First Natl. Bank, general contract 2 story and mezzanine, 50 x 140 ft., fireproof, to M. L. Beeler & Co., Johnson City, $150,000.

O., Canton—THEATRE and OFFICE—Loews, Inc., 1540 Bway., New York City, 4 and 7 story, 100 x 200 ft., Market and Piedmont Aves. N. E., to R. H. Evans & Co., Daily News Bldg., $300,000. Noted Apr. 15.

O., Cleveland—COMMERCIAL and THEATRE—Greenwald & Stecher, c/o A. Greenwald & S. H. Stecher, Society for Savings Bldg., 2 story, 110 x 157 ft., brick, steel and concrete, 4166 West 25th St., to Piscopo Constr. Co., 1248 Walnut Ave. Archts. est. $225,000.

Ind., Indianapolis — THEATRE — O. Markum, 4020 East New York St., general contract brick and steel theatre, 3432 North Illinois St., to B. A. Braunson, Amer. Central Life Bldg. Archts. est. $150,000. Noted May 13.

Wis., Milwaukee—WAREHOUSE—E. D. Fryer, 1432 Stowell Ave., 4 story and basement, 83 x 480 ft., brick, concrete and steel, plain and wood pile foundation, South Water St., to H. Danischefsky, 1484 Humboldt Ave. Archts. est. $400,000.

Wis., Milwaukee—WAREHOUSE, etc.—Hansen Storage Co., 134 Jefferson St., 3 story, 102 x 575 ft., brick and concrete warehouse and dock, plain and wood pile foundation, Erie and Dock Sts., to W. W. Oeflein, Inc., 86 Michigan St. Archts. est. $250,000. Noted Apr. 29.

Wis., Rhinelander — HOTEL — Oppenhamer & Obel, archts., Nicolett Bldg., Green Bay, 3 story and basement, 60 x 103 ft., brick and concrete addition, here, to P. J. Nickel, 103 South Suffolk St., Ironwood, Mich., for C. E. Blodgett, Central Ave., Marshfield. Archts. est. $150,000. Noted May 6.

Ill., Chicago—APARTMENT—G. Abello, 4554 Bway., general contract 7 story and basement, 50 x 125 ft., rein.-con., brick and terra cotta, 737 Junior Terrace, to Rosenthal, Mayer & Lewis, 77 West Washington St. Archts. est. $250,000.

Ill., Chicago—HOTEL—R. F. France & Co., archts., 155 North Clark St., general contract 29 story and basement hotel, Chestnut St. near Seneca St., to Fitzgerald Constr. Co., 105 West Monroe St., for M. A. Howell, 4911 Winthrop Aves. Archts. est. $2,000,000. Noted Apr. 1.

Ill., Chicago—OFFICE—F. D. Chase, Inc., archts., 720 North Michigan Ave., general contract 22 story and basement, 83 to 90 ft., Monroe and South Clark Sts., to Starrett-Dilkes Co., 160 North La Salle St., for Syndicate, c/o J. W. Stevens, 1212 Lake Shore Dr. Archts. est. $1,500,000.

Ill., Chicago — OFFICE — Medical Arts Club, 30 North Michigan Ave., general con-

Constr. News page 391

Buildings—Commercial (Continued)

tract 23 story and basement, 100 x 120 ft., brick, limestone and terra cotta, Wabash Ave. and Lake St., to Thompson-Starrett Co., 104 South Michigan Ave. Archts. est. $4,500,000. Noted May 6.

Mo., St. Louis—APARTMENT—Alco Investment Co., 808 Chestnut St., 3 story and basement, 104 x 111 ft., rein.-con. and brick, 4412-4422 North Florissant Ave., to V. A. Chinberg, 808 Chestnut St. Archts. est. $200,000.

Mo., St. Louis—APARTMENT—M. Armstrong, c/o O. J. Krieg, archt., Arcade Bldg., 7 story and basement, 53 x 63 ft., rein.-con., brick and terra cotta, Delmar Blvd. and Laurel St., to S. A. Armstrong, Windermere Hotel. Archts. est. $250,000.

Mo., St. Louis—APARTMENT—W. Ware, 3 story and basement, 99 x 200 ft., rein.-con., brick and stone, 2119 South Compton Ave., to William H. Smith-Nelson Cunliff Co., 110 North 7th St. Archts. est. $200,000.

Mo., St. Louis — APARTMENT — F. L. Williams, 4221 Enright Ave., 3 story and basement, 43 x 95 ft., brick, concrete and stone, to William H. Smith-Nelson Cunliff Co., 110 North 7th St.

Mo., St. Louis—COMMUNITY—Croatian Sokol Gymnastic Society, c/o V. Budrovich, chn., 2322 South 12th St., rein.-con. and brick community house, incl. swimming pool, etc., 1431-45 Chouteau Ave., to C Moeller, 1431 Chouteau Ave.

Mo., St. Louis — OFFICE — Beaumont Medical Building Co., c/o E. C. Earnst, doctor, Humboldt Bldg., general contract 10 story and basement, 56 x 140 ft., rein.-con., brick and stone, Washington Blvd. west of Grand Ave., to J. Black Masonry & Constr. Co., Louderman Bldg. Archts. est. $600,000. Noted Jan. 7.

Mo., St. Louis—STORE—Manne Bros., Furniture Co., 5613 Delmar Blvd., 7 story and basement, 50 x 157 ft., rein.-con., brick and stone, 5615 Delmar Blvd., to W. H. Smith-Nelson Cunliff Co., 110 North 7th St. Archts. est. $250,000.

Mo., University (St. Louis P. O.)—APARTMENT — Marget Realty Co., 819 Chestnut St., 3 story and basement, 32 x 132 ft., rein.-con., brick, stone and terra cotta, 6648-52 Washington Blvd., to V. A. Chinberg, 808 Chestnut St. Archts. est. $150,000.

Ark., Helena — WAREHOUSE — Wharf Impvt. Dist. 1, E. M. Allen, chn., general contract 100 x 300 ft. rein.con. and brick, river terminal warehouse, to Kaucher-Hodges Co., Shrine Bldg., Memphis, Tenn. $213,000. Noted May 27.

Tex., Corpus Christi—OFFICE—S. M. Nixon, and associates, Robstown, 8 story, 50 x 100 ft., rein.-con., brick and stone, to L. T. Wright & Co., c/o Builders Exch. Bldg., San Antonio, $156,263. Noted June 10.

Tex., Dallas — APARTMENT — J. B. White, 5551 Ridgedale St., general contract 4 story and basement, 63 x 114 ft., brick, caisson foundation, Live Oak St., to A. M. White, Ridgedale St., $155,000.

Calif., Huntington Park — STORE and HOTEL — Farrell & Miller, archts., Western Mutual Life Bldg., Los Angeles, 3 story, 115 x 150 ft., brick, South Blvd., here, to Whipple & McDonald, 253 South Pacific Blvd., Huntington Park, for J. F. McSwain. $154,500. Noted June 3.

Calif., Los Angeles—APARTMENT—E. W. Knox, Kenmore Ave. and 6th St., 5 story and basement, 58 x 140 ft., brick and rein.-con., to Sarver & Zoss, 643 North Plymouth Blvd., $150,000.

Calif., Los Angeles — STORE and OFFICE — California Properties Co., 8 story and basement, 121 x 150 ft., steel, 6th and Western Aves., to Chisholm, Fortine & Meikle, 509 South Western Ave. Archts. est. $150,000. Noted Mar. 25.

Calif., Los Angeles—STORE and LOFT—Ransohoff Bros., 219 Post St., San Francisco, 3 story and basement, 30 x 152 ft., rein.-con., Flower St., to Scofield Constr. Co., Pacific-Finance Bldg., Los Angeles, to exceed $150,000.

Calif., Oakland—OFFICE—Bacon Land Co., M. R. Monzi, pres., Title Insurance Bldg., 12 story and basement, Franklin St. between 15th and 17th Sts., to Thebo, Starr & Anderton, Sharon Bldg., San Francisco, approximately $450,000.

Calif., Ontario—HOTEL—W. L. Benedict, 1127 D St., 3 story, approximately 60 x 100 ft., brick hotel, A and Lemon Sts., to Gaines Investment Co., 5158 Hollywood Blvd., Los Angeles, $163,500.

Calif., Pasadena—STORE and OFFICE—Singer Sewing Machine Co., 264 East Colorado St., 2 story and basement, 70 x 190 ft., rein.-con., East Colorado St., to S. M. Benet Co., 1801 Santa Monica Blvd., Beverly Hills, $150,000.

Calif., San Francisco—APARTMENTS—California Realty & Finance Corp., 319 De Young Bldg., will build two 3 story and basement, frame and brick veneer apartments, Geary St. and 38th Ave., by day labor and sub-contracts. $75,000 each. J. C. Hladik, Monadnock Bldg., archts.

Calif., San Francisco—APARTMENT—P. D. Tyler, 1438 Cabrillo St., will build 6 story, brick and steel, Vallejo and Octavia Sts., by day labor and sub-contracts. $150,000. W. Wethered, 16 Turk St., archt.

Calif., San Mateo—HOTEL—B. Getz, De Young Bldg., San Francisco, (1st unit) 8 story, rein.-con., 3rd Ave., to A. Johnson, Call Bldg., San Francisco, approximately $265,000. Noted Dec. 17.

Calif., Tracy—HOTEL—P. V. Tuttle & H. C. Slocum, archts., 337 17th St., Oakland, 2 story, rein.-con. hotel, here, to J. F. Shepherd, 1st Natl. Bank Bldg., Stockton, for Tracy Community Hotel Co., Chamber of Commerce. Approximately $145,250. Noted Apr. 29.

Calif., Tulare — THEATRE, STORE and OFFICE—Miller & Pflueger, archts., 580 Market St., San Francisco, 2 story, 150 x 150 ft., rein.-con. here, to Salih Bros., Detwiler Bldg., Los Angeles, $155,000. Noted Mar. 18.

Constr. News page 392

Buildings—Industrial

Proposed Work

Me., Portland — CHEMICAL PLANT — Schlotter & Foss Co., plans chemical plant. $50,000 or more. Private plans.

Mass., Auburndale (Ind. br. Boston)—PLANT—Ferguson & Co., Inc., 8 Oakes St., having plans prepared by H. A. MacDonald, 6 Highland Terrace, Newtonville, 2 story and basement, 60x150 ft., rein.-con. addition. $50,000.

Mass., Boston—REPAIR and SERVICE GARAGE—Baker, Selesnick & Coplan, 22 Watts St., Chelsea, having plans prepared by S. E. Moffle, 51 Cornhill, Boston, 1 story, brick and stone, Hampden and George Sts. $50,000.

Mass., Boston—REPAIR and SERVICE GARAGE—S. Waldman, 101 Esmond St., Dorchester, having plans prepared by S. S. Eisenberg, 46 Cornhill, 2 story and basement, 90 x 120 ft., rein.-con. and brick, Northampton and Washington Sts. $100,000.

Mass., Cambridge (Boston P. O.)—FACTORY—Industrial Building Co., c/o F. D. Leland, archt. and engr., Kendall Bldg., having sketches made 6 story, 252,000 sq.ft. floor space, rein.con. and brick, Commercial Ave. $3,000,000.

Mass., Gardner — FACTORY — E. W. Pierce, 32 Travers St., having plans prepared 2 story, 45x105 ft., brick, Travers St., $50,000. Private plans.

Mass., Jamaica Plain (Boston P. O.)—FACTORY—Buff & Buff Mfg. Co., Green St., having plans prepared by R. B. Wills, 8 Beacon St., Boston, altering and constructing 1 and 2 story, timber, addition. $40,000.

Mass., Jamaica Plain (Boston P. O.) — REPAIR SHOP and GARAGE—J. Magnes, 18 Tremont St., Boston, having plans prepared by S. E. Moffie, 51 Cornhill, Boston, 1 story, rein.-con. repair shop and garage, Floyd and Boardwood Sts., here. $100,000.

Mass., Lexington — GARAGE and STORAGE — M. Rubin, 294 Washington St., Boston, plans 1 and 2 story, brick, rear 405-421 Massachusetts Ave., here. $160,000. Engineer and architect not selected.

Mass., Springfield—CANDY FACTORY—See "Buildings—Commercial."

Mass., Winchester — FACTORY — Winchester Gelatine Co., E. A. Perkins, pres., having plans prepared 1 story, brick addition, Cross St. $40,000. Private plans.

Mass., Winchester—REPAIR and SHOWROOM—A. T. Stewart, 286 Centre St., Newton, having plans prepared by S. S. Levy, 35 Court St., Boston, 1 story, 125 x 145 ft., brick and stone, 662 Main St. $75,000.

Mass., Worcester—REPAIR and SERVICE GARAGE—O. Neiber, 157 Lovell St., having plans prepared by H. L. Meacham, 120 Front St., 1 story, brick and concrete, Lovell St. $40,000.

R. I., Pawtucket—ICE PLANT—Owner, c/o D. F. Dodd, archt., 84 Broad St., having sketches made 1 and 2 story, artificial ice plant. $40,000 or more.

Conn., Wallingford—FACTORY—W. A. Ives Mfg. Co., Cherry St., plans 1 story, timber, Cherry St. $40,000. Engineer and architect not selected.

N. Y., White Plains—GARAGE—International Motor Co., 25 Bway., New York City, soon takes bids 1 story, 170 x 275 ft., rein.-con., brick and steel, plain foundation, Kensico Ave., here. $175,000. E. E. Seelye, 101 Park Ave., New York City, engr. and archt.

N. J., Trenton—ROUNDHOUSE—Philadelphia & Reading Ry. Co., Terminal Bldg., Phila., Pa., plans roundhouse, here. $75,000. S. T. Wagner, Terminal Bldg., Phila., ch. engr.

Pa., Phila. — LAUNDRY — J. Sonsohn, archt., Broad and Girard Sts., soon lets contract 2 story and basement, 50 x 100 ft., brick and steel, 3505-08, Haverford Ave., for Stratford Damp Wash Laundry Co., 4720 Market St.

Md., Baltimore — FACTORY — Maryland Meter Wks., Saratoga and Guilford Aves., having plans prepared by T. W. Pietsch, Amer. Bldg., 6 and 7 story, 110 x 164 ft., rein.-con., plain foundation, Guilford Ave. and Saratoga St. $250,000. H. F. Doeleman, 509 North Charles St., engr.

Ga., Cedartown — TIRE FACTORY — Goodyear Tire & Rubber Co., East Market St., Akron, O., having plans prepared by Lockwood Greene Co., Healy Bldg., Atlanta, 150 x 500 ft. factory addition, here. $300,000.

La., Lake Charles—CELLULOSE PLANT—Massoit Mfg. Co., Fall River, Mass., P. S. Palmer, representative, plans cellulose plant, here. $200,000.

Tenn., Erwin — PLANT and KILNS — Southern Potteries Co., plans enlarging plant and erecting 65 x 540 ft. kilns., rein.-con., $40,000, also new equipment, $15,000. Private plans.

O., Cleveland—SLAUGHTER HOUSE—M. Fromson & L. Davis, 3261 West 65th St., having preliminary plans prepared by N. Altschild, 5116 Woodland Ave., 1 story, brick, steel and concrete, West 65th St.

O., Cleveland—STORAGE—Willard Storage Battery Co., c/o P. H. Voth, East 131st St. and St. Clair Ave., had plans prepared 3 story and basement, 64 x 122 ft. acid storage building, brick and concrete, East 131st St. $110,000. Private plans.

O., Kenmore — FACTORY — Standard Novelty Co. plans 2 story, 60 x 100 ft., brick factory, also boiler house, Springfield Rd. $50,000.

Ind., South Bend—FACTORY—M. Kerslake plans 2 story, brick and rein.-con., 107 South Hill St. $42,000. Private plans.

Ind., South Bend—FACTORY—Poledor Bros. plan 3 story, steel and rein.con., 125 North Michigan St. $400,000. Private plans.

Ind., South Bend — FACTORY — Studebaker Corp., Main and Bronson Sts., plans factory, Lafayette and South Sts. $55,000. Private plans.

Mich., Detroit—THREAD FACTORY—Dean & Shark, 3220 Bellevue Ave., having plans prepared by Raseman & Freier, 520 Murphy Bldg., 1 story, 120 x 340 ft. factory and 40 x 50 ft. boiler house, rein.-con., brick and steel, plain foundation, Lawrence Ave.

Mich., Detroit — PAINT FACTORY — Ditzler Color Co., 40 West Baltimore Ave., having plans prepared by Weston & Ellington, archts. and engrs., 1507 Stroh Bldg., 2 story and basement, 60 x 190 ft., rein.-con. and brick, plain foundation, Detroit Terminal Ry. tracks and Chicago Blvd.

Mich., Detroit — CREAMERY — Family Creamery Co., 14106 Mack Ave., having plans prepared by Stahl, Kinsey & Hartwick, 828 McKerchey Bldg., 2 story, 80 x 80 ft. creamery, rein.-con., brick and steel. $55,000.

Ill., Chicago—FACTORY—Leichenko & Esser, archts., 38 South Dearborn St., takes bids about June 17, 5 story and basement, 100 x 125 ft., brick and timber, Canalport and South Morgan Sts., for Chicago Macaroni Co., c/o architects.

Wis., Berlin — POWER PLANT — Wisconsin Power & Light Co., 16 North Carroll St., Madison, having plans prepared by Bolch & Lippert, Gay Bldg., Madison, 1 and 2 story, 40 x 80 ft., and 40 x 55 ft., brick, steel and rein.-con., plain foundation, here. $40,000.

Wis., Janesville — FACTORY — Fisher Body Corp., General Motors Bldg., W. S. Kmudsen, genl. mgr., Detroit, Mich., having plans prepared 1 story, 150 x 645 ft., rein.-con., brick and steel, plain foundation, here. $200,000. Private plans.

Wis., Medford — PLANT — Medford Cooperative Creamery Co., J. J. Frey, pres.,

Buildings—Industrial (Continued)

having plans prepared by Kampfer & Buetow, 1380 Blair St., St. Paul, Minn., 1 story, 50 x 52 ft., brick, rein.-con. and steel plant and power plant. $50,000.

Wis., Wausau — FACTORY — Hammerblow Tool Co., 602 3rd St., plans rebuilding factory, recently destroyed by fire. $100,000.

Texas—ELECTRIC LIGHT and WATER PLANT—See "Streets and Roads."

Tex., Amarillo — STONE CRUSHING PLANT — Texas Stone Products Co., Santa Fe Bldg., Dallas, having preliminary plans prepared stone crushing plant, near here, $200,000 incl. machinery. Private plans.

Tex., Dallas — ICE PLANT — See "Unclassified."

Tex., Greenville—ICE PLANT—N. Burnett plans 1 and 2 story, 108 x 216 ft. ice plant, Johnson, Pickett and Crockett Sts. $60,000. Engineer and architect not announced.

Tex., Nordheim—ICE STATION—Central Power Co., c/o S. M. Udden, Frost Bldg., San Antonio, having plans prepared by J. M. Marriott, Frost Natl. Bank Bldg., San Antonio, 1 story ice station, brick and rein.-con. $40,000.

Tex., Yoakum — LIGHT PLANT — See "Waterworks."

Wash., Bellingham — PAPER MILL — Pacific Coast Paper Mills plans paper mill. $150,000.

Calif., San Pablo—FACTORY—Standard Sanitary Mfg. Co., 10th and Brannan Sts., San Francisco, having plans prepared by G. W. Kelham, Sharon Bldg., San Francisco, 1 and 3 story, 350 x 1,250 ft., rein.-con., here. $500,000. H. J. Brunnier, Sharon Bldg., San Francisco, engr.

Calif., Upland—PLANT—Lemon Growers Assn. had plans prepared 1 story, 150 x 185 ft., hollow tile packing plant. $70,000. Hamm & Grant, Ferguson Bldg., Los Angeles, engrs.

Calif., Vallejo — LAUNDRY — Cascade Laundry Co., F. Jullian, mgr., plans brick or concrete, Pennsylvania St. $40,000 or more.

Que., Hull — FURNITURE FACTORY — Lauglois Furniture Co., Cobourg, Ont., plans rein.-con. and brick, plain foundation, here. $100,000.

Ont., Toronto—GASOLINE and SERVICE STATION — Imperial Oil Co., 56 Church St., having plans prepared by L. G. Wheaton, 56 Church St., concrete, brick and steel, Villiers and Saulter Sts. $63,000.

Ont., Trenton—STRAWBOARD MILL—Hinds & Dauche Paper Co., 43 Hanna St., Toronto, plans 1 and 2 story, rein.-con., brick and steel, plain foundation. $350,000-$450,000. Private plans. Excavation contract for above to J. J. McNab, Trenton.

Bids Desired

Mass., Cambridge (Boston P. O.)—FACTORY—See "Contracts Awarded."

Pa., Phila. — MANUFACTURING — See "Contracts Awarded."

Pa., Pittsburgh—FOUNDRY—See "Contracts Awarded."

Wis., Two Rivers — STEEL PLANT — June 15, by Lockwood, Greene & Co., engrs., 400 North Michigan Ave., Chicago, Ill., 3 and 1 story, 70 x 151 ft., and 65 x 125 ft., brick and steel addition, plain foundation, also addition to boiler plant, here, for Hamilton Mfg. Co., Two Rivers. $80,000.

Tex., Amarillo — LAUNDRY — J. R. Smith, archt., Amarillo, taking bids 1 story and basement laundry, for G. F. Lindsay. $45,000. Noted June 3.

Tex., Houston—WAREHOUSE—See "Unclassified."

Contracts Awarded

N. H., Rochester—POWER PLANT—See "Buildings—Commercial."

Mass., Brockton — REPAIR and SERVICE GARAGE — City, Pub. Building Dept., 1 story, concrete, to S. Asci, 10 Beaver St. Archts. est. $50,000.

Mass., Cambridge (Boston P. O.)—FACTORY—F. Mazza, 82 Park Ave., will build 1 story, rein.-con. and brick, Homer Ave. $40,000. Work will be done by separate contracts. Private plans.

Mass., New Bedford—BOILER HOUSE—Pocahontas Fuel Co., Inc., 2 story, brick and terra cotta, to W. Young, Spring St., Fairhaven, Conn. Engrs. est. $40,000. Noted May 27.

Mass., Reading—GARAGE and REPAIR SHOP—Town, Municipal Lighting Dept., 1 story, 60 x 100 ft., brick and steel, to A. B. Carter & Sons, 848 Tremont Bldg., Boston. Archts. est. $50,000. Noted Apr. 22.

BRIDGE—WISCONSIN

Bids were opened by Wisconsin Highway Comn., Madison, for constructing [illegible]water Bridge, Milwaukee Co., Federal Aid Project No. 349-B, concrete design, (A) Stein Construction Co., 204 Grand Ave., Milwaukee (awarded contract); (B) Standish Engineering Co., Chicago, Ill.; (C) Miller-Taylor Co., Waterloo, Ia.; (D) M. E. White, Milwaukee; (E) S. M. Siesel Co., Milwaukee; Minneapolis Bridge Co., Minneapolis, Minn., $323,905; W. Tubesign, Milwaukee, $331,701; W. Oefiein Co., Milwaukee, $340,332. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C	D	E
9,400 cu.yd. concrete class A	$18.00	$22.40	$27.80	$28.50	$33.00
14,100 bbl. cement, handling only	.25	.08	.18	.14	.20
6,205 lin.ft. treated piling, delivered	.90	.60	.70	.75	.58
6,205 lin.ft. treated piling, penetration	.30	.20	.65	.45	.41
37,520 lin.ft. untreated piling, delivered	.60	.20	.28	.27	.26
37,520 lin.ft. untreated piling, penetration	.30	.20	.55	.50	.41
771 concrete balusters, complete	2.00	1.00	2.50	3.20	2.50
400 cu.yd. stone riprap	5.00	3.00	6.50	7.75	10.00
265 lin.ft. 6 in. cast iron pipe	1.00	2.00	2.50	3.80	1.65
950 lin.ft. 2 in. galvanized iron pipe	.40	.60	.50	.37	.45
65 lin.ft. 1½ in. galvanized iron pipe	.30	.40	.30	.32	.40
8 floor drains, complete	25.00	100.00	30.00	65.00	40.00
4 manhole frames and covers	50.00	100.00	40.00	35.00	30.00
16 concrete lamp standards	10.00	10.00	30.00	15.00	10.00
12 concrete vases	5.00	10.00	20.00	10.00	10.00
4 concrete benches	10.00	20.00	50.00	20.00	10.00
110 tons hydrated lime in place	15.00	13.00	18.00	18.00	16.75
Removal of old bridge (lump sum)	4,000.00	1,000.00	2,500.00	2,500.00	1,000.00
Extended totals	$224,456	$238,813	$314,861	$318,737	$354,722

Mass., Somerville (Boston P. O.)—FACTORY—Baillie Basket Co., 165 Federal St., Boston, 2 story and basement, 50 x 100 ft., brick addition, Beacon St., to J. M. and C. J. Buckley, 164 Federal St., Boston. Archts. est. $60,000. Noted Apr. 1.

Mass., Watertown — FACTORY — Hood Rubber Co., Nichols Ave., Building 53, 1 story, 100 x 380 ft., rein.-con. and brick, plain foundation, to Aberthaw Co., 80 Federal St., Boston. Archts. est. $75,000. Noted June 10.

Mass., Winchester—REPAIR and SERVICE GARAGE—J. Haggerty, 734 Main St., 1 story, rein.-con. and brick, 704 Main St., to J. Quigley Jr., 18 Lake St. Archts. est. $40,000. Noted Aug. 6.

R. I., Auburn (mail Providence)—MILL—Respro Mills, Inc., R. I. Midley, treas., 2½ story, 105 x 340 ft., brick and steel, to J. W. Bishop Co., 109 Foster St., Worcester, Mass. Archts. est. $100,000. Noted June 3 under "Cranston."

R. I., Providence—PLANT—J. C. Goff Co., 31 Point St., 1 story, brick, Rawley and Narragansett Ave., to Rawley Constr. Co., 260 Central Ave., Pawtucket. Archts. est. $40,000.

N. Y., Brooklyn—WAREHOUSE—Standard Oil Co. of New York, 26 Bway., New York City, 2 story, rein.-con., brick and steel, plain foundation, 55th St., here, to J. L. Burke Corp., 51 West 66th St., Archts. est. $60,000.

N. Y., Long Island City — FACTORY — Steinway & Son, 109 West 57th St., New York City, 5 story, rein.-con., brick and steel, plain foundation, Ditmars Ave., here, to E. E. Paul Co., 101 Park Ave., New York City. Archts. est. $750,000.

N. Y., Queens—PLANT—Ballinger Co., archts., 12th and Chestnut Sts., Phila., Pa., 1 and 2 story, 100 x 458 ft., rein.-con., brick and steel, concrete pile foundation, 4617 Flushing Ave., here, to W. Kidde & Co., 90 West St., New York City, for M. O'Neil Supply Co., 25 Cliffside St., New York City. Noted Apr. 22 under "Long Island City."

N. Y., White Plains — SERVICE GARAGE and REPAIR SHOP — R. E. Farley, 342 Madison Ave., New York City, 2 story, rein.-con., brick and steel, plain foundation, to Barney-Ahlers Constr. Corp., 100 West 40th St., New York City. Archts. est. $150,000.

Pa., Lewistown—POWER HOUSE—Ballinger Co., archts., 12th and Chestnut Sts., Phila., 1 story and basement, 62 x 95 ft., rein.-con., brick and terra cotta addition, on Juniata River, here, to W. B. Steinbach, Lewistown, for Viscose Co., Marcus Hook. Noted May 27.

Pa., Phila. — MANUFACTURING — I. Fischman & Sons, 312 South 4th St., will build 3 story and basement, 20 x 24 ft., and 22 x 100 ft., brick and steel, plain foundation, 310-12 South 4th St. Work will be done by separate contracts. J. Naschold, 5234 North 2nd St., archt.

Pa., Phila.—FACTORY—Schneider Bowman Co., Inc., 1612 Van Dyke St., 2 story, 100 x 100 ft., rein.-con. and brick, plain foundation, Van Dyke and Paul Sts., to Paul Bros., 2511 West Huntington St. Archts. est. $50,000.

Pa., Pittsburgh — FOUNDRY — Amer. Brake Shoe & Fdry. Co., 505 Preble Ave., will build 1 story, 29 x 39 ft., and 43 x 45 ft., steel and corrugated iron addition, Preble Ave. $50,000. Work will be done by separate contracts. Private plans.

La., Shreveport—ICE PLANT—Shreveport Ice & Brewing Co., ice manufacturing plant and 1,000 ft. icing dock, creosoted timber, to T. Green, Shreveport. Engrs. est. $65,000.

Ky., Covington — FACTORY — Michaels Art Bronze Co., Scott St., 4 story, 60 x 60 ft., rein.-con. and brick, plain foundation, Scott St., to B. T. Wisenall, Crescent St., $40,000.

Ky., Maysville—FACTORY—Ohio Valley Pulley Co., 1 story, 60 x 300 ft., rein.-con., brick and steel addition, plain foundation, to J. F. Hardeman, Maysville, $50,000.

O., Cleveland—FACTORY—German Baptist Publication Assn., H. P. Donner, mgr., 3804 Payne Ave., 2 story, 57 x 125 ft., brick and steel, Payne Ave., to Metzel-Shields Co., B. F. Keith Bldg. Archts. est. $50,000.

O., Cleveland — FACTORY—Rickersberg Brass Co., E. Rickersberg, pres., East 37th St. and Perkins Ave., 1 story, 120 x 236 ft. main building, and 66 x 200 ft. foundry, brick and steel, Kelly Ave., to Van Blarcom Co., Natl. City Bank Bldg. Archts. est. $150,000. Noted Apr. 1.

Ind., Indianapolis — WAREHOUSE — Guarantee Tire & Rubber Co., brick warehouse, to W. P. Junclaus Co., 825 Massachusetts Ave. $40,000. Private plans.

Ill., Chicago—METAL PRODUCTS FACTORY—A. S. Alschuler, archt., 28 East Jackson Blvd., 1 story, 62 x 350 ft., brick and terra cotta addition, 5700 West Roosevelt Rd., to Heidel & Beck, 1704 West 18th St., for Pheoll Mfg. Co., 5700 West Roosevelt Rd. Archts. est. $100,000. Noted June 3.

Ill., Chicago — WAREHOUSE—Pillsbury Flour Mill Co., 302 Metropolitan Life Bldg., general contract 1 story, 115 x 350 ft., brick, 43rd and Lincoln Sts., here, to Poirot Constr. Co., 38 South Dearborn St. Archts. est. $50,000.

Ill., Chicago—FACTORY—Standard Oil Co., 910 South Michigan Ave., masonry and carpentry contract brick factory, 2607 North Keeler Ave., to Scown Building Co.; 36 West Randolph St., $150,000.

Ill., Murphysboro—SERVICE STATION and GARAGE—Standard Oil Co. of Indiana, W. J. Lang, dist. mgr., 2320 Division St., 2 story, concrete and brick, 19th St. and Mobile & Ohio R.R. tracks, to S. H. Howell, Murphysboro. Archts. est. $100,000. Noted Apr. 22.

Wis., Green Bay — GARAGE — Oppenhamer & Obel, archts., Nicollet Bldg., 3 story and basement, 75 x 172 ft., brick and concrete, plain foundation, to H. J. Selmer Co., McCartney Bank Bldg., for Brown County Motors, Inc., 610 Main St. Archts. est. $100,000. Noted Apr. 22.

Wis., Milwaukee—FACTORY—Monarch Investment Co., 765 Sherman Blvd., remodeling 1 and 2 story, brick and timber factory, near west end Grand Ave. viaduct, to J. G. Jansen, 1228 38th St. Archts. est. $150,000.

Wis., Owen — PLANT — Oatman Condensed Milk Co., Dundee, Ill., 1 story, 32 x 69 ft., and 42 x 192 ft., rein.-con., brick and steel, plain foundation, here, to W. F. Weaver Constr. Co., Owens. Archts. est. $400,000.

Wis., Rhinelander — PAPER MILL — Daniels Mfg. Co., 1 story, 62 x 110 ft., brick

Constr. News page 393

Buildings—Industrial (Continued)

and tile addition, plain foundation, here, to L. A. De Guere, Mead-Witter Blk., Wisconsin Rapids. Archts. est. $40,000.

Ia., Cedar Rapids—FACTORY—Lefebure Ledger Co., 120 x 250 ft., rein.-con. and brick, 1st Ave. between 30th and 31st Sts., to O. Halfhill, 1500 North 6th St. W. Archts. est. $55,000.

Neb., Omaha — GARAGE and WAREHOUSE — J. Latenser & Sons, archts., 732 Peters Trust Bldg., 3 story and basement, 139 x 172 ft., rein.-con., 20th and Center Sts., general contract, to Selden Breck Constr. Co., 205 Arthur Bldg., $228,366; and plumbing, heating, etc., to B. Grunwald, 1110 Farnam St., $26,012. Noted May 27.

Mo., St. Louis — PRINTING PLANT — Christian Bd. of Publications, 2704 Pine St., 3 story and basement, 55 x 131 ft., rein.-con. and brick, Pine and Beaumont Sts., to C. B. McCormack & Son, Columbia Bldg. Archts. est. $60,000.

Tex., Abilene—COTTON GIN—Abilene Cotton Oil Co., 2 story, 42 x 368 ft., brick and rein.-con., to J. R. Horn & Sons, Abilene, $58,842. Noted Apr. 30.

Tex., Galveston — PACKING PLANT — High Grade Packing Co., plans rein.-con. and brick packing plant, 2627 D St. $50,000. Stowe & Stowe, 311½ 22nd St., engrs.

Calif., Los Angeles—SHOPS—Pike Auto Trailer Wks., 701 East 7th St., 1 story, 40 x 200 ft., corrugated iron, Santa Fe Ave. near 26th St., to J. M. Cooper, Rives-Strong Bldg.

Buildings—Educational, Religious

Proposed Work

Mass., Attleboro — CHURCH — Pilgrim Unitarian Church, C. W. Porter, pastor, plans rebuilding 1 and 2 story and basement, brick and stone, recently destroyed by fire. $150,000 Engineer and architect not selected.

Mass., Attleboro — HOME — Francis Crandall Fund, A. R. Macumber, chn., having plans prepared by O. M. Higgins, 24 Park St., 2 story and basement home for aged women. $150,000.

Mass., Boston—LABORATORY—Harvard University, c/o Stevens & Lee, archts., 45 Newbury St., having sketches made 2 story and basement, anti-toxin laboratory addition, brick and stone, Forest Hills Sect. $150,000.

Mass., Boston—SCHOOL—St. Catherines Roman Catholic Church, T. R. McCoy, pastor, 49 Vine St., Charlestown, had plans prepared by W. B. Colleary, 80 Boylston St., Boston, altering and constructing 3 story and basement, 40 x 230 ft., brick and stone addition. $160,000.

Mass., Boston—SCHOOL—Dudley Baptist Church, 139 Dudley St., Roxbury, having plans prepared by J. W. Beal Sons Co., 185 Devonshire St., 1 and 2 story and basement, brick and stone, Dudley St. $150,000.

Mass., Boston—SCHOOL—City, Schoolhouse Dept., plans school, Huntington Ave. $150,000 or more.

Mass., Cambridge (Boston P. O.) — CHAPEL—Harvard University, A. Lowell, pres., having sketches made by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, 1 story and basement, granite, College Grounds. $1,000,000. Noted Apr. 30.

Mass., Cambridge (Boston P. O.) — CHEMISTRY—Harvard University, A. A. Lowell, pres., having sketches made by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, chemistry building, Frisbie Pl., Osford and Divinity Sts. $200,000.

Mass., Forest Hill (mail Boston) — SCHOOL — City, Schoolhouse Dept., Boston, having sketches made by C. Albright & W. C. Balney, 308 Boylston St., Boston, 1 story, basement, and 2 ells, brick and stone, Francis Barker Dist., Waldren Rd., here. $150,000.

Mass., Mattapan (sta. Boston)—SCHOOL—Dorchester & Mattapan Hebrew School, M. E. Schene, pres., having plans prepared by S. S. Levy, 35 Court St., Boston, 3 story and basement, 160 x 180 ft., brick and stone, Morton St. $400,000.

Mass., Medford (br. Boston) — HIGH SCHOOL—City, C. H. Lowell, ch. com. Schoolhouse Dept., having sketches made by M. A. Dyer, 1 Beacon St., Boston, Senior High School, 3 story and basement, brick and stone addition, Forest St. $600,000.

Mass., New Bedford — CHURCH and RECTORY—Roman Catholic Society, 1948 Acushnet Ave., J. C. Lagnon, pastor, having sketches made by F. A. Rousseau, 222

Constr. News page 394

Main St., 1 and 2 story and basement, brick and stone, Ashley Blvd. and Tacoma St. $150,000 or more.

Mass., Newton (Ind. br. Boston)—HOME—Baptist Home of Massachusetts, 308 Brookline St., Cambridge, having preliminary plans prepared by Kendall, Taylor & Co., 142 Berkley St., Boston, 3 story and basement, irregular shaped, brick and limestone, Commonwealth Ave. near Lake St. $300,000.

Mass., Norton—SCHOOL—Town, M. H. Perry, secy. school com., plans 2 story and basement, brick and stone school. $150,000. Engineer and architect not selected.

Mass., Somerset—SCHOOL—Town, G. W. Simmons, town clerk, plans 2 story and basement, brick and stone, Brayton St. $150,000. Engineer and architect not selected.

Mass., Waltham (Ind. br. Boston) — CHURCH—Lakeview Union Church, c/o O. A. Thayer, archt., 89 Franklin St., Boston, plans church. $150,000 or more.

Mass., Webster — CHURCH — Methodist Episcopal Church, W. M. Sharf, pastor, having plans prepared by E. T. Chapin, 340 Main St., Worcester, 1 story and basement, brick and stone, Main St. $150,000.

Mass., West Roxbury (Boston P. O.) — SCHOOL—City, Schoolhouse Dept., Boston, having sketches made by G. N. Jacobs, 4 Park St., Boston, 2 story and basement, brick and stone, Wren St., here. $150,000.

R. I., Providence — CHURCH — Church House, 160 South Main St., having preliminary plans prepared by K. C. Richmond, 10 Weybosset St., 2 or 3 story and basement, 50 x 85 ft., brick and stone, South Main St. To exceed $150,000.

R. I., Providence — HIGH SCHOOL — City, office of City Clerk, City Hall, having preliminary plans prepared by J. M. Hartwell, c/o Commissioner of Pub. Buildings, Junior High School, 2 story and basement, brick, Harlan St. To exceed $150,000.

R. I., Providence — NURSES HOME — Homeopathic Hospital Corp., Turks Head Bldg., having tentative sketches made by Jackson, Robertson & Adams, Turks Head Bldg., 2 or more story, brick home. $150,000 or more.

N. Y., Buffalo—CHURCH—St. Casimir Roman Catholic Church, Weimer and Cable Sts., plans church, Weimer St. $250,000.

N. J., Perth Amboy—SCHOOL—Middlesex Co. Vocational Bd. New **Brunswick**, rejected bids June 3, vocational school, here. Will readvertise. Noted May 20.

N. J., Ridgefield—HIGH SCHOOL—Bd. Educ. rejected bids June 8, high school. Noted Apr. 29.

Pa., Glen Olden—SCHOOL—St. Georges School, c/o G. E. Orr, pastor, having revised plans prepared by P. F. Getz, Victory Bldg., Phila., 2 story and basement, 86 x 155 ft. school. $200,000. Noted May 6.

Pa., Pittsburgh — CHURCH — Waverly Presbyterian Church, Waverly St., having plans prepared by Ingham & Boyd, Empire Bldg., 1 and 2 story and basement, irregular shaped, stone, Braddock Ave. and Forbes St. $250,000.

Pa., Steelton—SCHOOL and CHAPEL—June 14, by St. James Roman Catholic Church, c/o J. C. Thompson, pastor, 2 story and basement, 35 x 107 ft., rein.-con., brick and steel, plain foundation, here. B. E. Starr, 9 North 2nd St., Harrisburg, archt.

D. C., Wash.—SCHOOLS—Dist. Comrs., District Bldg. plans Borough School addition, 17th St. N. E., $245,000, and Extensible School, Carlton and Central Aves. N. E., $160,000.

N. C., Greensboro — SCHOOLS — Voted $2,300,000 bonds, constructing new schools, for Bd. Educ. E. B. Jeffress, Greensboro, mayor.

O., Cleveland Heights (Warrensville P. O.)—CHURCH—First Baptist Church of Greater Cleveland, F. W. Lovell, temporary chn., 2046 East 46th St., Cleveland, having plans prepared by Walker & Weeks, 1900 Euclid Bldg., Cleveland, 1 and 2 story, brick, steel and concrete, Fairmount Blvd. and Eaton Rd. $750,000.

O., Columbus—CHURCH—Oakwood Park Presbyterian Church, R. E. Chandler, pastor, 322 Piedmont Rd., having sketches made 1 story and basement, brick, stone and concrete, Oakwood Park Ave. $150,000.

O., Columbus — CONSERVATORY and DORMITORY — Capitol University, 2430 East Main St., O. Wees, pres., had plans prepared by Perkins, Fellows & Hamilton, 814 Tower Court, Chicago, Ill.; music conservatory, brick, steel and concrete, $200,000, also girls dormitory, brick, concrete and stone, $150,000, each 3 story and basement, East Main St.

O., Youngstown — JEWISH CENTER — Youngstown Temple Emanuel plans Jewish Center at Chapel Pl. $150,000.

Ind., Indianapolis — CHURCH — Second Presbyterian Church, 400 North Pennsylvania St., having preliminary plans prepared by F. S. Cannon, 21 Virginia Ave., stone church. $250,000. J. S. Milnes, 1641 North Talbott St., pastor.

Ind., Indianapolis—SCHOOL—Bd. School Comrs., 150 North Meridian St., had plans prepared by Vonnegut, Bohn & Mueller, 610 Indiana Trust Bldg., Grade School 33, brick, 12th and Sterling Sts., C. R. Ammerman, 925 Continental Bank Bldg., engr.; also by Pierre & Wright, 1134 Hume Mansur Bldg., Grade School 14, brick and reni.con., 1229 East Ohio St., W. A. Brenniger, 1134 Hume-Mansur Bldg., engr. $150,000 each. Noted Dec. 17.

Ind., Indianapolis—SCHOOL—Bd. School Comrs., 150 North Meridian St., had plans prepared by Kopf & Deery, 403 Indiana Pythian Bldg., Shortridge High School, 2 story and basement, 265 x 418 ft., brick and rein.-con., 34th and Meridian Sts. $1,000,000.

Ind., New Albany—HIGH SCHOOL—School Trustees having preliminary plans prepared by W. C. Findt, 38 New Zimmerman Bldg., Springfield, O., brick high school. $320,000.

Mich., Battle Creek—CHURCH and OFFICE — First Presbyterian Church having plans prepared by A. B. Chanel, Battle Creek, 12 story and basement, rein.-con., brick and steel, plain foundation. $400,000.

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Broadway Ave., plans (2nd unit) Goodale School, 2 story and basement, rein.-con., brick and steel, plain foundation, $237,000. McGrath, Dohmen & Page, 2231 Park Ave., archts. Van Tuyl, Hearttt & Barron, Union Trust Bdg., engrs.

Mich., Mount Pleasant—SCHOOL—Michigan State Normal School having plans prepared by Malcolmson & Higginbotham, 1219 Griswold St., 3 story and basement, 100 x 300 ft., brick and steel, plain foundation. $750,000.

Mich., Pontiac — SCHOOL — Bd. Educ. having plans prepared by Malcolmson & Higginbotham, 1219 Griswold St., Detroit, 2 story and basement, 64 x 160 ft., rein.-con., brick and steel, plain foundation, Bagley site. $150,000.

Wis., Madison — CHURCH — First Congregational Church, R. Barstow, pastor, 121 Bascom Pl., having plans prepared by J. R. and E. J. Law, 1st Central Bldg., 2 story, rein.-con., brick and steel church. $300,000.

Wis., Oshkosh—SCHOOL—State Normal Schools, c/o W. J. Kittle, secy., Madison, having plans prepared by A. Peabody, State Capitol, Madison, 3 story and basement, 50 x 200 ft., rein.-con., brick and steel, here. $225,000.

Wis., Racine—HIGH SCHOOL—Inpendent School Dist. having plans prepared by Croft & Boerner, Inc., 1004 Marguette Ave., Minneapolis, Minn., 3 story, 320 x 500 ft., rein.-con. and brick, plain foundation, 12th St. and Washington Park Ave. $750,000.

Kan., Ottawa — HIGH SCHOOL — Bd. Educ. soon takes bids high school. $210,000 voted. Washburn & Stookey, Ottawa, archts.

Kan., Paola — ADMINISTRATION — Ursuline Academy of Paola (Mother of Jerome School), having preliminary plans prepared by Rose & Ridgway, 434 Brotherhood Bldg., 4 story and basement, 120 x 230 ft., rein.-con., brick and stone, plain foundation. $350,000.

S. D., Aberdeen — SCHOOL — Bd. Educ. having plans prepared by G. F. Fossum, Aberdeen, 2 story and basement, 71 x 200 ft. school, $170,000; also 1 story and basement, 80 x 112 ft. addition, $50,000, both rein.-con., brick and stone.

Mo., Kansas City — UNIVERSITY — Lincoln & Lee University, 205 K. C. A. C. Bldg., having plans prepared by Shephard & Wieser, 1207 R. A. Long Bldg., university buildings, 75th St. and state line. $5,000,000. Noted May 20.

Mo., Mexico — HIGH SCHOOL — Bd. Educ., T. J. Williams, secy., having plans prepared by Thomas, McLennan & Thomas, Old Colony Bldg., Des Moines, Ia., and takes bids about Aug. 1, 3 story and basement, rein.-con., brick and stone, here. $300,000. Noted Feb. 18.

Mo., St. Louis—HOSPITAL and NURSES SCHOOL—St. Louis University, c/o C. H. Cloud, pres., Grand and West Pine Blvds., having preliminary plans prepared rein.-con., brick and stone hospital, also nursing school, Grand and Vista Aves. To exceed $150,000.

Ark., Little Rock—CHURCH—Pulaski Heights Baptist Congregation, A. M. Rodgers, pastor, having preliminary plans prepared concrete and brick, Cedar and Prospect Sts. $150,000. Engineer and architect not selected.

Tex., Minden — CHURCH — Methodist Congregation, c/o W. R. Lunsford, treas., plans 2 story and basement, rein.-con. and brick, plain foundation. $150,000. Engineer and architect selected soon.

Buildings—Educational, Religious (Cont.)

Tex., Texarkana — COLLEGE — Voted $160,000 bonds, Junior College, 2 story, rein.-con. and brick, plain foundation, for Bd. Educ., Witt, Seibert & Halsey, 807 Texarkana Natl. Bank Bldg., archts. Noted May 6.

Tex., Texarkana — SCHOOLS — Voted $300,000 bonds of which $200,000 for Junior College, balance repairing Ward Schools, for Bd. Educ. Engineer and architect not selected. Noted Apr. 29.

Tex., Wichita Falls — CHURCH — J. J. Perkins, chn. building com. 1st Methodist Church, rejected bids May 10, 2 story and basement, brick, stone and rein.-con., 10th and Lamar Sts. $400,000. Will revise plans and take new bids. W. C. Hedrick, 1st Natl. Bank Bldg., Ft. Worth, W. W. Watkins, 212 Scanlan Bldg., Houston, and C. J. Pate, City Natl. Bank Bldg., Wichita Falls, associated archts. Noted Apr. 29.

Okla., Ponca City—HIGH SCHOOL—Bd. Educ. had plans prepared by Smith & Senter, 400 Masonic Bldg., 3 story and basement, rein.-con., brick and stone high school. $280,000.

Calif., Berkeley—CHURCH—St. Clements Episcopal Church, San Francisco, having sketches made by B. G. McDougall & E. Eames, 396 Sacramento St., concrete, Claremont Court. $150,000.

Calif., Beverly Hills — SCHOOL — Los Angeles School Dist. having preliminary plans prepared by R. O. Farquharson, Security Bldg., Los Angeles, 2 story, 65 x 200 ft. classroom building, 80 x 150 ft. auditorium with 1,500 seating capacity, 40 x 150 ft. domestic science building, 60 x 160 ft. shop, and 2 gymnasiums each 80 x 80 ft., all brick, here. $400,000.

Calif., Davis — AGRICULTURAL ENGINEERING—Regents University of California, Berkeley, had plans prepared by W. C. Hays, 1st Natl. Bank Bldg., San Francisco, 1 and 2 story, steel and rein.-con., University Farm. $150,000. Noted Feb. 4.

Calif., Delano—HIGH SCHOOL—Voted $150,000 bonds, fireproof high school, for Delano Joint Union High School Dist.

Calif., Hollister—HIGH SCHOOL—San Benito High School Dist., Hollister, had plans prepared by W. H. Weeks, 369 Pine St., San Francisco, (1st unit) 1 story, rein.-con. high school. $35,000. Total $200,000. Noted Jan. 14.

Calif., Oakland—SCHOOL—City, School Dist., having plans prepared by E. T. Foulkes, 357 12th St., Sequoia School, 1 story, fireproof. $150,000.

Calif., Oakland — UNIVERSITY HIGH SCHOOL, etc.—City of Oakland School Dist. had plans prepared by Constr. Dept. Bd. Educ., steel and concrete University High School, shops, gymnasium, etc. $150,000.

Calif., Olinda — ADMINISTRATION, GYMNASIUM, etc. — Brea-Olinda Union High School Dist. having plans prepared by T. C. Kistner & Co., 1121 Detwiler Bldg., Los Angeles, 2 story 170 x 260 ft. administration building, 1 story 50 x 170 ft. manual arts building, and 1 story 90 x 90 ft. gymnasium building, East Birch St. $320,000.

Calif., Pasadena—CHURCH—Congregational Church had plans prepared by H. M. Patterson, Chamber of Commerce Bldg., Los Angeles, and L. C. Brockway, Security Bldg., approximately 190 x 190 ft. church, Los Robles Ave. To exceed $350,000.

Calif., Santa Barbara—HIGH SCHOOL—Voted $450,000 bonds, Junior High School, fireproof, for Santa Barbara High School Dist.

Ont., Stoney Creek—HIGH SCHOOL—Saltfleet Twp., E. Lee, clk., plans 2 story and basement, 8 or 10 room, rein.-con., brick and stone high school. $150,000. Engineer and architect not selected.

Ont., Sudbury—COLLEGE—Sacred Heart College, plans 3 story, rein.-con., brick and steel addition, plain foundation, $175,000. Engineer and architect not selected.

Ont., Toronto — CHURCH — Runnymede United Church, 432 Runnymede Rd., plans 1 and 2 story and basement, rein.-con., brick and steel, plain foundation, Runnymede Rd. $175,000. Engineer and architect not selected.

Bids Desired

Me., Augusta — HIGH SCHOOL — City, Bd. Educ., taking bids 2 story and basement, brick and stone addition. $175,000. Bunker & Savage, 256 Water St., archts.

Me., Caribou — HIGH SCHOOL — See "Contracts Awarded."

Mass., Boston — CONVENT — St. Anns Parish, J. J. O'Donnell, pastor, taking bids 3 story and basement, 64 x 72 ft., and 52 x 72 ft., brick and stone, Neponset Ave. $160,000. Private plans.

Mass., Dorchester (Boston P. O.) — SCHOOL—See "Contracts Awarded."

Mass., Duxbury—HIGH SCHOOL—Town, S. Soule, chn. com., taking bids 2 story and basement, brick and stone high school. $150,000. Brainard & Leeds, 89 Franklin St., Boston, archts. Noted Mar. 25.

Mass., Fitchburg—SCHOOL—June 18, by St. Bernard Roman Catholic Parish, J. J. Donnelly, pastor, 2 story and basement, brick and steel, Summer St. $150,000. J. W. Donohue, 476 Main St., Springfield, archt.

Mass., Middletown — SCHOOL — Town, School Com., c/o Dow, Harlow & Kimball, archts., 184 Boylston St., Boston, taking bids 2 story and basement, brick and stone school, here. $150,000. Noted June 10.

R. I., Providence—ATHLETIC—Brown University taking bids 1 and 2 story, brick, athletic buildings, Aldrich Field. To exceed $150,000. Clark & Howe, Turks Head Bldg., engrs.

Conn., Middletown—SCHOOL—Town, F. J. Bielfield, chn. com., taking bids 1 story and basement, 66 x 142 ft., brick, Farm Hill Dist. $150,000. School Plans Service Bureau, 363 Main St., archts.

Conn., New Haven — HIGH SCHOOL — July 1, by Com. on Buildings, for Bd. Educ., Junior High School, 20 room with gymnasium and assembly hall, Grand Ave. $200,000. Brown & Von Beren, 185 Church St., archts. Noted Mar. 25.

Conn., New Haven—HIGH SCHOOL—July 1, by City, Bd. Educ., 3 story and basement, brick and steel, Grand Ave. $225,000. Brown & Von Beren, 185 Church St., archts. Noted May 6.

Pa., Clairton—HIGH SCHOOL—June 21, by School Dist., and C. W. Bates, archt., 77 12th St., Wheeling, W. Va., 2 story and basement, irregular shaped, brick and steel addition. $150,000.

Ky., Covington—HIGH SCHOOL—June 30, by Bd. Educ., Court House, 3 story and basement, 100x230 ft., rein.-con. and brick, Madison St. $450,000. C. C. and E. A. Weber, Ingalls Bldg., Cincinnati, O., archts.

O., Bexley (Columbus P. O.)—SCHOOL—J. L. Henney, clk., taking bids Junior High and Elementary School, 3 story and basement, 130 x 150 ft., brick, stone and concrete, for Bd. Educ. $300,000. Miller & Reeves, 16 South Leed St., Columbus, archts.

Ind., Indiana Harbor (mail East Chicago)—CHURCH—Baptist Church taking bids brick and stone church. $150,000. W. Ellwood, 218 West Jefferson St., South Bend, archt.

Mich., Dearborn—SCHOOL—June 23, by A. Sylvester, dir. Bd. Educ. Dist. 4, 2 story and basement, rein.-con., brick and steel, plain foundation, Gulley and Ford Rds. G. D. Mason & Co., 508 Griswold St., Detroit, archts.

Mich., Detroit—SCHOOLS—June 23, by C. A. Gadd, bus. mgr. Bd. Educ., 1354 Bway. Ave., having plans prepared by McGrath, Dohmen & Page, 2231 Park Ave., two 2 story and basement, rein.-con., brick and steel additions, plain foundations, one at Macculloch School, Wildmere Ave. $236,950, and other at Dickerson Ave. $237,000.

Wis., Madison — SCHOOL — Bd. Educ., c/o H. W. Pickford, clk., 22 West Dayton St., taking bids 2 story, 40 x 230 ft., rein.-con., brick and steel, plain foundation, Monroe St. E. Tough, Washington Bldg., archt. Noted May 6.

Mo., Columbia—SCHOOLS—June 29, by Bd. Educ., Hickman Senior High School, 2 story, 194 x 214 ft., 7th St. and North Blvd., $280,000; Benton School, 2 story, 115 x 165 ft.; $90,000, and addition to Douglas School $40,000, all rein.-con., brick and stone. W. B. Ittner, 911 Locust St., St. Louis, archt. Noted Feb. 18.

Tex., San Antonio — CHURCH and PARISH — St. Marks Church, c/o R. P. Crum, pastor, taking bids 2 story, 50 x 100 ft. parish house, and 3 story, 48 x 112 ft., church, etc. brick, rein.-con. and stone, Pecan and Jefferson Sts.. $160,000. Giles & Beckmann, c/o Moore Bldg., archts. Noted May 27.

Calif., San Francisco — SCHOOL — July 14, by Bd. Pub. Wks., general contract, mechanical equipment, plumbing, gas fitting, sprinkler system, and electrical work, Mission Jr. High School, 16th, 17th, Dehon and Church Sts. $1,026,500. J. Reid, Jr., city archt.

Que., Mont Laurier—CONVENT—Soeurs Ste. Croix St., Laurent, taking bids 4 story, 50 x 150 ft., rein.-con., brick or granite convent. $250,000. J. Sawyer, 407 Guy St., archt.

Ont., Toronto—HIGH SCHOOL—June 18, by C. E. Webster, secy. Bd. Trustees York Twp., 93 Greetsville Ave., Mt. Dennis, 2 story and basement, rein.-con., brick and steel, plain foundation, Vaughan Rd., $175,000. Burden & Goeunlock, 101 King St. W., archts.

Bids Received

N. Y., Brooklyn—SCHOOL—Bd. Educ., 500 Park Ave., New York City, general contract P. S. 91, here, from J. Fallon, 225 5th Ave., New York City, $295,000; heating, from Clermont Heating Co., 480 Clermont Ave., $35,785. Noted May 27.

D. C., Wash.—SCHOOL—Dist. Comrs., District Bldg., June 2, McKinley Manual Training School, etc., 2 story and basement, brick and stone, from Parsons & Hyman, Equitable Bldg., $1,979,997. Noted May 20.

Mich., Belleville — HIGH SCHOOL — E. Dicks, secy. Bd. Educ., general contract 2 story and part basement, 62 x 213 ft., and 58 x 85 ft., rein.-con., brick and steel, plain foundation, Columbia St., from Spence Bros., 1 Brewer Blk., Saginaw, $164,525. Noted May 20.

Calif., Lankershim—HIGH SCHOOL—Los Angeles Bd. Educ., brick high school, here, from T. H. Reed, 3025 Dalton Ave., Los Angeles, $248,997. Noted Dec. 17.

Calif., Los Angeles — SCHOOL — Bd. Educ., May 26, general contract brick and stone school and gymnasium buildings, from W. G. Reed, 1914 South Vermont Ave., and Salih Bros., Detwiler Bldg., $184,000 each. Noted May 20.

Contracts Awarded

Me., Caribou—HIGH SCHOOL—Town, Bd. Educ., will build 2 story and basement, brick and stone high school. $175,000. Work will be done by day labor, under supervision Bunker & Savage, archts., Augusta Trust Bldg., Augusta. Noted June 3.

Mass., Brighton (sta. Boston)—SCHOOL—City, Schoolhouse Dept., Boston, 2 story and basement, brick and stone Bennett Dist., Washington St. and Corey Rd., here, to Phandor Co., 18 Tremont St., $101,000. Noted June 3.

Mass., Dorchester (Boston P. O.) — SCHOOL—Dorchester & Mattapan Hebrew School, M. E. Schneider, 26 Pemberton Sq., will build 3 story and basement, 168 x 170 ft., brick and stone, plain foundation, 800 Morton St. $400,000. Work will be done by separate contracts. S. S. Levy, 35 Court St., Boston, archts. Noted May 27.

Mass., Hanover—HIGH SCHOOL—Town, School Com., Town Hall, 2 story and basement, 65 x 115 ft., brick and steel, plain foundation, Hanover St., to Curtis & Swift, 80 Boylston, Boston, Archts. est. $150,000. Noted May 20.

Mass., Hanover — SCHOOL — Town, School Com., Edmund and Sylvester School, 2 story and basement, brick and stone, to Curtis & Swift, Inc., 80 Boylston St., Boston. Archts. est. $150,000.

Mass., Pembroke — HIGH SCHOOL — Town, Superintendent Schools, Senior High School, 2 story and basement brick and stone, to H. J. Bais & Sons, Rockland. Archts. est. $150,000 or more.

Mass., Roxbury (sta. Boston)—SCHOOL—Roxbury Latin School, 2 story and basement, 145 x 245 ft., brick and stone, Spring and Centre Sts., to Leighton & Mitchell Co., 99 Chauncy St., Boston. Archts. est. to exceed $150,000. Noted May 13.

Mass., Taunton — SCHOOL — City, Pub. Property Com., C. Carey, chn., 2 story and basement, 60 x 90 ft., brick and stone, Barnum St., to G. W. Briggs, 88 Winthrop St. Archts. est. $150,000.

Mass., Taunton — SCHOOL — City, C. Carey, chn., 2 story and basement, 60 x 90 ft., brick and steel, Barnum St., to W. H. Barker, 4 Cohannet St. Archts. est. $150,000. Noted May 27.

Mass., Waltham (Ind. br. Boston)—SCHOOL—H. F. Beal, mayor, 3 story and basement, brick and steel, Parmenter Rd., to C. S. Henry Co., 82 Devonshire St., Boston. Archts. est. $250,000. Noted Apr. 15.

Mass., Waltham (Ind. br. Boston)—SCHOOL—City, H. F. Beal, mayor, 2 story and basement, 40x100 ft., brick and steel addition, Trapelo Rd., and 2 story and basement, 40x120 ft. addition to Bright School, to C. S. Henry Co., 82 Devonshire St., Boston. Noted May 13.

Mass., West Newton (Ind. br. Boston)—HIGH SCHOOL—City of Newton, E. O. Childs, mayor, 2 story and basement, 85 x 275 ft., and 85 x 90 ft., brick, stone, and

Constr. News page 395

Buildings—Educational, Religious (Cont.)

granite, plain foundation, Washington St., here, to B. W. Beal, Inc., 293 Boylston St., Boston, $390,491.

Mass., Worcester—CHAPEL—Sisters of Notre Dame, 34 Vernon St., 1 story and basement, Plantation St., to J. P. Keating, 80 Boylston St., Boston. Archts. est. $150,000.

Mass., Worcester—CHURCH—Methodist Episcopal Church, 2 story and basement, brick and stone, to H. Johnson, 4 Kenilworth Rd. Archts. est. $150,000.

Mass., Worcester — SCHOOL—Worcester Boys Trade School, C. F. Marble, pres., 2 story and basement, brick addition, Prescott St., to E. P. Pitfield Co., 405 Main St. Archts. est. $150,000. Noted May 20.

Conn., New Canaan—HIGH SCHOOL—Town, W. P. Simon, chn. School Building Com. general contract 2 story and basement, brick and steel, South Ave., to E. & F. Constr. Co., 94 Wells St., Bridgeport, $101,625. Noted June 3.

Pa., Phila.—GYMNASIUM, etc.—Day & Klauder archts., 1410 Chestnut St., 2 story and basement, 277 x 344 ft., rein.-con., brick, stone, steel and terra cotta, concrete pile foundation, 33rd and South Sts., to H. E. Baten, 1713 Sansom St., for University of Pennsylvania, 34th and Spruce Sts. Archts. est. $400,000. Noted May 27.

Pa., Sharon—SCHOOL—Bd. Educ., general contract 2 story and basement, 50 x 52 ft., and 62 x 161 ft., brick, steel and concrete, Wingler Ave., to Wallis & Carley, Sharon. Archts. est. $200,000. Noted May 27.

Pa., West Homestead (Homestead P. O.) —SCHOOL—School Dist., general contract 2 story and basement, irregular shaped grade school, to Hodder Constr. Co., Talboot Ave., Braddock, $89,500. Noted Jan. 21.

Fla., Jacksonville—CHURCH, etc.—First Baptist Church, 12 story church and Sunday school, West Church and Hogan Sts., to R. J. Gallester, Jacksonville, $257,000. Noted Feb. 19.

O., Akron—HIGH SCHOOL—Bd. Educ., 2 story and basement, brick, Storer Ave., to C. W. P. Constr. Co., 1st-2nd Natl. Bank Bldg., $169,291. Noted May 13.

O., Cleveland—SCHOOLS—Bd. Educ., F. G. Hogen, dir., East 6th St. and Rockwell Ave., three 2 story and basement, 120 x 220 ft., brick, steel and concrete grade schools, one at West 54th St. and Ira Ave., and one at East 185th St. and Muskoka Ave., to M. B. Parker Constr. Co., 1836 Euclid Ave., $344,834 and $342,887 respectively; also one at 3550 East 131st St., to C. Peterson Constr. Co., 4500 Euclid Ave., $350,475. Grand total $1,038,196. Noted June 10.

Mich., Fordson—SCHOOL—F. E. Yinger, secy. Bd. Educ., 2 story and basement, rein.-con., brick and steel, plain foundation, Chase Rd., to Malow-Barry Co., 2631 Woodward Ave. Archts. est. $250,000.

Ill., Centralia — HIGH SCHOOL — Twp. High School Bd. Educ., 3 story, concrete, brick and stone high school, to E. L. Damon, Centralia, $150,057. Noted Feb. 11.

Wis., Milwaukee—SCHOOL—Van Ryn & DeGelleke, archts., 114 Grand Ave., 2 story and basement, 40 x 60 ft., 60 x 100 ft. and 63 x 250 ft., brick, tile and concrete, plain foundation, Hartford Ave., to Universal Constr. Co., 915 Chestnut St., for Milwaukee University School, 560 Bway. Archts. est. $450,000. Noted May 6.

Wis., Sparta—SCHOOL—State Bd. Control, A. W. Bagley, secy., 2 story, 60 x 145 ft., rein.-con., brick and steel, to Nasu Bros. Co., Sparta. Noted Apr. 29.

Ia., Corning—HIGH SCHOOL—Bd. Educ. 2 and 3 story and basement, rein.-con., brick and stone, plain foundation, to C. E. Larson, Ft. Dodge, $122,878. Noted June 3.

Ia., Sioux City—DORMITORY—Beuttler & Arnold, archts., 407 Grain Exch. Bldg., general contract 2 and 3 story and basement, 56 x 133 ft., and 42 x 80 ft., rein.-con. and brick, concrete pile foundation, Vine Ave. and College St., to B. S. Short, Sioux City, $171,872; plumbing and heating, to Joseph Plumbing & Heating Co., Sioux City, for Morningside College, 1500 Morningside Ave. $33,398. Noted May 13.

Ark., Fayetteville — AGRICULTURAL and ENGINEERING — University of Arkansas, general contract 3 story, 88 x 216 ft., and 68 x 256 ft., rein.-con., brick and terra cotta, on campus, to George Fuller Green Constr. Co., 429 Rialto Bldg., Kansas City, Mo., $395,459; plumbing, gas and air apparatus, to El Dorado Plumbing & Heating Co., El Dorado, $26,761; steam heating, to Francis & Harmeier, Ft. Smith, $29,310. Grand total $451,522. Noted May 6.

Colo., Greeley—GYMNASIUM—Colorado State Teachers College, general contract 150 x 250 ft., brick and rein.-con., to E. Smith, 4100 Irving St., Denver, $188,080. Noted May 13.

Constr. News page 396

Nev., Reno — LIBRARY — University of Nevada, 3 story and basement, 50 x 150 ft., concrete, brick and stone, on campus, to C. Stockholm & Son, Hearst Bldg., San Francisco, Calif., $150,000. Noted May 13.

Calif., Escondido — SCHOOL—Escondido Union High School Dist., general contract 2 story and basement, 75 x 180 ft., rein.-con. and brick, to J. P. Steele, 4714 South Western Ave., Los Angeles, $92,990. Noted Feb. 25.

Calif., Oakland—HIGH SCHOOL—Bd. Educ., general contract 1 story, steel and concrete addition to Woodrow Wilson Junior High School, to Lawton & Vezey, 354 Hobart St., $212,853; ventilating, heating and plumbing, to A. Feldhammer, 1004 Park St., Alameda, $40,300. Noted June 10.

Federal Government Work

Proposed Work

R. I., Providence—Dredging—U. S. Engineer Office, Wash., D. C., plans dredging 8 mi. channel from Ohio Ledge to Squantum, and repairing Point Judith Breakwater, $71,000; also dredging Old Harbor at Block Island, $6,000.

C. Z., Coco Solo—Refrigerating Plant—Spec. 5186—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans refrigerating and ice making plant at Naval Submarine Base, here. L. E. Gregory, ch. of Bureau.

P. I., Canacao—Quarters—Spec. 5157—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans quarters at Naval Hospital, here. L. E. Gregory, Wash., D. C., ch. of Bureau.

Bids Desired

N. Y., Brooklyn—Extensions—June 25, by Treas. Dept. at office Supervising Archt., Wash., D. C., extending mezzanine floor and office of assistant superintendent of mails, etc. at U. S. Post office and Court house, here; adv. E. N.-R. June 17.

Pa., Hazleton—Remodeling—June 30, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and extending U. S. Post Office, here.

Ala., Florence—Transformers, etc.—July 20, by U. S. Engineers Office, transformers, high tension switching equipment, etc., for Wilson Dam, Tennessee River.

Miss., Vicksburg—Levee—July 7, at office Mississippi River Dist., P. O. Box 404, 840,000 cu.yd. levee work; adv. E. N.-R. June 17.

Ky., Louisville—Metal Work—July 15, by U. S. Engineer Office, P. O. 72, metal work for navigable pass, Dam 53, Ohio River; adv. E. N.-R. June 17.

Ind., Evansville—Remodeling—June 30, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling and enlarging post office and custom house, here.

Mo., St. Louis—Repairs, etc.—June 22, by Treas. Dept. at office Supervising Archt., Wash., D. C., repairing roof of U. S. Post Office, here.

Calif., San Luis Obispo—Stone—July 1, by U. S. Engineer Office, Central Bldg., Los Angeles, 2,000 tons stone for breakwater repairs, here.

Bids Received

N. H., Nashua — Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., June 3, remodeling and enlarging U. S. Post Office, here, from S. Belanger & Son, Nashua, $12,359. Noted May 20.

Va., Quantico—Dredging—Spec. 5163—Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging at Marine Barracks, here, from McLean Constr. Co., Fidelity Bldg., Baltimore, Md., $0.85. Noted May 27.

La., New Orleans—U. S. Engineer Office, 140 Decatur St., June 8, approximately 225,000 cu.yd. earthwork in Lake Pontchartrain Levee Dist., from Douglas Buchanon & Crow, Shreveport. Noted June 3.

Tenn., Nashville—Houses—U. S. Engineer Office, 3 frame dwellings at Locks B, C and D, on Cumberland River, here, from Moser-Quaintance Constr. Co., Lebanon, Tenn., $22,362. Noted May 13.

Ill., North Chicago—Hospital, etc.—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., June 8, (1) general construction (2) plumbing (3) heating (a) hospital (b) continued treatment patients buildings and (c) administration buildings, from N. P. Severin, 105 West Monroe St., Chicago, (1a) $468,800 (1b) $151,900 and (1c) $43,550; from Kissel Bros., Hartford, Wis. (2a) $53,900 (2b) $12,500 and (2c) $5,000, from C. A. Hooper Co., 453 West Gilmar St., Madison, Wis., (3a) $40,960 (3b) $13,660 and (3c) $3,760. Noted May 6.

Wis., Green Bay—Dredging—U. S. Engineer Office, Milwaukee, June 11, from Zenith Dredge Co., 303 Glencoe Bldg., Duluth, Minn., 300,000 cu.yd. dredging in basin at $22.14 per cu.yd., in 1st section channel at $5.09, 2nd section $3.10, 3rd section $4.27. Noted May 20.

Mo., Nevada—Sewers, etc.—U. S. Property & Disbursing Officer, Jefferson City, sewers and disposal plant, at Camp Clark here, from Reed & Wheelock, Clay Center Kan., $22,057. Noted May 20.

Ore., Empire—Compass Station, etc.—Specs. 5208 and 5198—Bureau Yards & Docks, Navy Dept., Wash., D. C., June 9, Naval radio compass station, here, from J. L. Young, Marshfield, $12,800; wharf and masts, from J. W. and J. R. Hillstrom, Marshfield, $5,925. Noted May 13.

California—Road—C. H. Sweetser, dist. engr. U. S. Bureau Pub. Rds., 9 Main St., San Francisco, June 2, grading, bridging, etc., 16.3 mi. Covelo Section-Mendocino Pass, Natl. Forest Rd., Mendocino Co., from N. Lovelace, Berkeley, $107,258. Engrs. est. $119,709. Noted May 27.

Calif., Mare Island—Chimney—Spec. 5193—Bureau Yards & Docks, Navy Dept., Wash., D. C., concrete chimney at Navy Yard, here, from Weber Chimney Co., 332 South Michigan Ave., Chicago, Ill., $7,650. Noted May 20.

Contracts Awarded

Mass., Lynn—Remodeling—Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, here, to Bay State Constr. Co., Lynn, $19,000. Noted June 10.

R. I., Newport—Tile Lining—Spec. 5213—Bureau Yards & Docks, Navy Dept., Wash., D. C., tiling swimming pool, at Naval Training Station, here, to E. S. Wires Co., Inc., 120 Boylston St., Boston, Mass., $7,796 (45 days). Noted May 20.

Md., Annapolis—Coal Handling Plant—Spec. 5175—Bureau Yards & Docks, Navy Dept., Wash., D. C., coal handling plant, to Concrete Oil Tank Co., 519 Mills Bldg., Wash., D. C., $31,351. Noted May 20.

Va., Yorktown—Fire Protection—Spec. 5116—Bureau Yards & Docks, Navy Dept., Wash., D. C., foam fire protection, etc., here, to Amdyco Corp., 100 East 42nd St., New York City, $59,884 (200 days). Noted June 3.

La., Burrwood—Creosoted Piles—U. S. Engineer Office, 329 Custom House Bldg., New Orleans, 90 creosoted piles 45 x 65 ft. long, and 40 untreated piles, 45 ft. long, f.o.b. Burrwood, to Creosoted Materials Co., Hibernia Bldg., New Orleans.

Mich., Camp Custer (br. Battle Creek)—Curbs, etc.—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., curbs and gutters at U. S. Veterans Hospital 100, here, to H. C. Gove Constr. Co., 30 East Prairie Ave., Battle Creek, $11,643. Noted May 27.

Ill., Jacksonville — Extension — Treas. Dept. at office Supervising Archt., Wash., D. C., extension at U. S. Post Office, here, to A. M. Lundberg, 208 North Bway., St. Louis, Mo., $19,400. Noted June 3.

Mo., Nevada—Sewer, etc.—U. S. Property & Disbursing Officer, Jefferson City, sewers and disposal plant at Camp Clark, here, to Carrothers Constr. Co., 309 Walsix Bldg., Kansas City, $24,676. Noted June 17.

T. H., Pearl Harbor—Generator Sets—Spec. 5200—Bureau Yards & Docks, Navy Dept., Wash., D. C., motor generator sets, etc., here, to General Electric Co., River Rd., Schenectady, N. Y., $29,916 (240 days). Noted June 3.

Unclassified

Proposed Work

Swimming Pools—Brockton, Mass.—City, R. Keith, chn., plans 2 swimming pools, one on Meadow Lane in Campello and other at Montello station. $90,000.

Swimming Pool—Clinton, Mass.—Bigelow—Hartford Co., made plans swimming pool and auditorium, for its employees' club. $40,000. Private plans.

Swimming Pool—Stamford, Conn.—See "Buildings—Commercial."

Stadium — Asbury Park, N. J. — City Comn. making plans concrete stadium. $80,000. Brinley & Holbrook, 156 5th Ave., New York City, engrs.

Tunnel—Michigan—Detroit River Subways, Inc., c/o J. S. Holden, 200 Huron Bldg., Detroit, making plans 2 tube

Unclassified (Continued)

vehicular tunnel connecting Detroit and Windsor. $5,000,000. D. G. Engholm, Toronto, Mich., engr.

Residential Development—Raleigh, N. C. — City and North Carolina Agricultural Society plan developing for residential purposes property Hillsboro St. (formally used as State Fair Grounds), incl. grading, paving, water and sewer works, etc. C. L. Mann, West Raleigh, engr.

Park — La Grange, Ga. — City R. L. Render, chn. Park Comn., plans developing 100 acres for park, incl. 8 acre lake, 2 acre swimming pool, club houses, private swimming pools, etc.

Shed—Hialeah, Fla.—Martin Cement & Products Co. making plans 50 x 100 ft. drying shed.

Swimming Pool — Biloxi, Miss. — See "Buildings—Commercial."

Golf Courses—Laurel, Miss.—See "Buildings—Commercial."

Gas Retainer — South Bend, Ind. — Northern Indiana Gas & Electric Co., 219 North Michigan St., plans gas retainer, concrete and steel, Pennsylvania Ave. between High and Miami Sts. $225,000. Private plans.

Air Port, etc.—St. Paul, Minn.—Election June 21, $295,000 bonds, constructing air port, and $450,000 bonds river terminal facilities on Mississippi River between Wisconsin and Welland Aves. G. M. Shepard, city engr.

Transmission Line — Kansas — City of Alexander plans transmission line from Alexander to McCracken. $30,000. E. Johnson, Alexander, engr.

Skating Rink—Dallas, Tex.—K. Tobin, and associates, c/o Crystal Palace Skating Rink, 516 West Myrtle St., San Antonio, having preliminary plans prepared ice skating rink, incl. 50 ton ice plant. $350,000. Private plans.

Ice Rink—San Antonio, Tex.—San Antonio Ice Rink Co., c/o City Natl. Bank Bldg., having plans prepared by G. Willis, c/o Builders Exch. Bldg., 1 story, 60 ft. square, ice rink addition, 518 West Myrtle St. $40,000, incl. machinery.

Underpass—Tecumseh, Okla.—Atchison, Topeka & Santa Fe Ry. Co., 80 East Jackson Bldv., Chicago, Ill., C. F. W. Felt, ch. engr., plans underpass under railroad tracks, here. $25,000.

Overpass—Tulsa, Okla.—Election June 22, $75,000 bonds, overpass over Frisco R.R. tracks at Hern St.; and $25,000 bonds, overpass over Midland Valley tracks, on East 6th St. C. Schultz, City Hall, engr.

Land Development — Tulsa, Okla. — Farmer & Duran, 204 Palace Bldg., making preliminary plans developing 200 acre subdivision, incl. roads, sewers, waterworks, etc. To exceed $25,000. Hare & Hare, 7th floor Huntzinger Bldg., Kansas City, Mo., engrs.

Hydro Electric Development—Washington—Grays Harbor Ry. & Light Co., c/o W. W. Briggs, vice-pres., Aberdeen, plans hydro-electric project on Cowlitz River, to develop 207,000 hp. (1st unit) to be built at Mayfield. Total $20,000,000.

Swimming Pool—Port Angeles, Wash.—See "Buildings—Commercial."

Park Improvements—Compton, Calif.—Plans election $200,000 bonds, park (public) improvements.

Ornamental Lighting System—Los Angeles, Calif.—Los Angeles Co. making plans 195 concrete standards in Co. Impvt. 526 and 525. To exceed $25,000.

Ornamental Lighting System — Los Angeles, Calif. — Los Angeles Co. made plans ornamental lighting systems in Co. Impvt. 536, Foothill Blvd., and Co. Impvt. 539, Albright Ave. $26,875.

Pier—Oceanside, Calif.—Plans election $100,000 bonds, probably rein.-con. pier. $100,000.

Pier — Montreal, Que. — Harbor Comn. soon takes bids highwater concrete pier, near Lasalle Ave. $500,000.

Swimming Pool—Rouge Hill, Ont.—See "Buildings—Commercial."

Bids Desired

Heating—Boston, Mass.—June 21, by Schoolhouse Dept., new heating systems in Charles G. Perkins School, St. Botolph St., and Old Gibson School, Thane, Athelwold and School Sts. $25,000. F. E. Slattery, chn.

Airplane Hangars, etc.—Buffalo, N. Y.—June 22, by J. P. Moore, comr. Parks, City Hall, airplane hangars and garage, Genessee St. To exceed $60,000.

Foundations—Long Island City, N. Y.—June 25, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, additional foundations for elevated railroad columns, Roosevelt Ave. east of Willets Point Blvd., Route 52, Sect. 2, here. Agreement "EN."

Dumping Platforms, etc. — New York, N. Y. — June 18, by Commissioner Dept. Docks, Pier "A," North River, dumping platform, ramps, etc., also granite and asphalt block paving at East 139th St. dump. Contr. 1852-B.

Swimming Pool — Cleveland, O. — See "Buildings—Commercial."

Pier, etc.—Houston, Tex.—R. J. Cummins, engr., Bankers Mortgage Bldg., taking bids 800 lin.ft. pier extension and 1 story, 250 x 600 ft. warehouse, Manchester Wharf, for Houston Compress Co., c/o A. H. Mueller, secy.-mgr. $300,000.

Undergrade Crossing—California—June 28, by State Hy. Comn., Sacramento, constructing undergrade crossing consisting of 2 concrete abutments with wing walls, grading, walks and paving, etc., at Branagan, Orange Co. R. M. Morton, Forum Bldg., Sacramento, highway engr.

Bids Received

River Shafts — New York, N. Y. — New York State Bridge & Tunnel Comn., and New Jersey Interstate Bridge & Tunnel Comn., Woolworth Bldg., completing interiors of New York River shafts of Holland Tunnel below level tunnel sidewalk, Contr. 11, from De Risso Constr. Co., Hackensack Plank Rd., Jersey City, N. J., $84,680. Noted June 3.

Station Finish Work—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., June 7, station finish work at Times Square Station of Rapid Transit R.R., from Ascher Eng. & Constr. Co., 1457 Bway., $178,712. This corrects report in June 10 issue.

Culvert, etc. — New Rochelle, N. Y. — Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, June 9, excavating, grading and culvert for Approach Rd. from Pelham Bay Rd. to Glen Island Park, here, from L. J. Selling, Red Bank, N. J., (a) $42,595 and (b) $42,580. Noted May 20.

Contracts Awarded

Coal Pocket — Lawrence, Mass. — A. A. Caffrey Coal Co., Haverhill St., coal pocket, concrete and timber, to Crane, Silo Co., Inc., Norwich, N. Y. Engrs. est. $30,000.

Swimming Pool—Wrentham, Mass.—A. L. Putnam, c/o Metcalf & Eddy, engrs., 14 Beacon St., Boston, concrete swimming pool, here, to M. W. Allen Constr. Co., Walpole. Engrs. est. $25,000. Noted June 10.

Subway—Brooklyn, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, June 11, 14th St.-Eastern Dist. subway from Cooper and Wyckoff Aves. to Stewart St., here, from Corson Constr. Co., 1440 Bway., New York City, $2,473,680. Noted June 3.

Supports for Retaining Walls — Long Island City, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, additional supports for retaining walls and abutment of Flushing extension, Queensboro Subway, Agreement "EM," here, to N. A. Deiser, 280 Madison Ave., New York City, $52,803. Noted May 20.

Entrance and Exit Plazas—Jersey City, N. J.—New York State Bridge & Tunnel Comn., and New Jersey Interstate Bridge & Tunnel Comn., Woolworth Bldg., New York City, constructing and curbing, sidewalks, granite block paving, etc., entrance and exit plazas, Contr. 26, of Holland Tunnel, to Leonard Paving Co., 233 Bway., New York City, $644,893. Noted June 3.

Converters and Transformers—Phila., Pa.—Dept. City Transit, H. E. Ehlers, dir., synchronous converters and transformers for Mt. Vernon, Cumberland and Louden Sts. substations for Broad St. Subway, Contr. 143, to Allis-Chalmers Mfg. Co., Wallis St., Milwaukee, Wis., $222,078.

Wharf — Mobile, Ala. — Alabama State Docks Comn., State Office Bldg., Pier No. 1, concrete dock, to Doullut & Ewin, Queen & Crescent Bldg., New Orleans, La., $478,152. Engrs. est. $550,000. Noted Apr. 29.

Wharf Sheds—Lake Charles, La.—Lake Charles Harbor & Terminal Dist., two 70 x 300 ft. steel wharf sheds, to Knapp & East, Lake Charles, $41,581.

Gas Mains — Mt. Clemens, Mich. — Mt. Clemens Gas Co. plans extending gas mains in Gratiot Rd., St. Clair Dist. to Roseville and Halfway, also Nine Mine Rd. to Van Dyke Ave. and Center Line Rd. to Warren Village. $300,000. Private plans.

Heating and Plumbing—Sioux City, Ia.—See "Buildings—Educational, Religious."

Culverts—Waterloo, Ia.—Black Hawk Co., 12 culverts and one I-beam bridge, to W. A. Burton, Waterloo, $9,394; and 12 culverts, to Fifield Constr. Co., Waterloo, $6,200.

Culverts — Waterloo, Ia. — See "Streets and Roads."

Transmission Line — Arkansas and Louisiana — Southwestern Gas & Electric Co., Texarkana Natl. Bank Bldg., Texarkana, Ark., 67 mi. 66,000 volt transmission line with step-up station at Shreveport, La., and step-down station at Texarkana, Ark., to L. E. Meyer Constr. Co., Chicago, Ill.

Swimming Pool—St. Louis, Mo.—See "Buildings—Commercial."

Stadium—Austin, Tex.—Texas Memorial Stadium Assn., Inc., general contract 12,500 seating capacity, rein.-con. and steel stadium on campus, to Kroeger-Brooks Constr. Co., Builders Exch. Bldg., San Antonio, 116,766. Noted May 6.

Ornamental Lighting System — Los Angeles, Calif.—Supervs. Los Angeles Co., 130 pressed steel standards on portion Melrose Ave., Co. Impvt. 520, to G. W. Kemper, P. O. Box 126, Alhambra, $31,998 Noted June 10.

Ornamental Lighting System—San Diego, Calif.—Common Council ornamental lighting system on University Ave. from Boundary to Euclid Aves., to A. C. Rice, 1957 Santee St., Los Angeles, $45,820.

Viaduct—Toronto, Calif.—Toronto Terminals Ry. Co., New Union Sta., 1,000 ft. viaduct, to P. Lyall & Sons Constr. Co., 120 St. James St., Montreal, Que., $1,500,000.

Ice Arena—Toronto, Ont.—University of Toronto, Queens Park, general contract 1 and 2 story, 80 x 195 ft. ice arena, rein.-con., brick and steel, plain foundation, to Witchall & Son, 156 St. Helens Ave. Engrs. est. $150,000. Noted Oct. 22.

Materials

Proposed Work

Gravel — Louisiana — State Hy. Comn., Baton Rouge, cancelled bids to have been opened June 29, 6,227 cu.yd. washed and screened gravel for surfacing State Project 90-D, Keller's Lane-Simmesport Highway, Pointe Coupee Parish. Noted June 10.

Bids Desired

Pipe, etc.—New York, N. Y.—June 23, by P. J. Dooling, comr. Purchase, Municipal Bldg., pipe, pipe fittings, engineers, plumbers supplies, etc., for Depts. Plants & Structures, Water Supply, Gas & Electricity, etc.

Rail Bonds — Phila., Pa. — June 24, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., 150,000 rail bonds, Contr. 6-1926, Plan S179E. A. C. Shand, Broad St., Sta. ch. engr. railroad.

Joint Bars, etc.—Phila., Pa.—June 25, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., joint bars, track bolts and spikes, tie plates, etc., Contr. 9-1926. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Steel Bar Shapes, etc.—Phila., Pa.—June 28, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., steel bar shapes, plates, black and galvanized sheets, axles, etc., Contr. 8, 1926. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Steel Pipe, etc.—Phila., Pa.—June 25, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., steel pipe, locomotive boilers, arch and superheater tubes, stationary boiler tubes, safe and material, Contr. 7-1926. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Wire, Cable, etc.—Phila., Pa.—June 29, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., wire cable, barbed wire, woven wire fencing, etc. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Creosoted Piles—New Orleans, La.—June 22, by Bd. Port Comrs., Court House Bldg., one hundred fifty 85 ft. creosoted piles.

Road Oil—Soldiers Grove, Wis.—Village, c/o A. H. Erickson, pres., taking bids 10,000 gal. asphaltic road oil. Private plans.

Electric Cable—Galveston, Tex.—C. C. Washington, engr. Galveston Co., Galveston, taking bids 4,000 lin.ft. 6 underground and 500 lin.ft. rubber covered cable, for Galveston Co., $6,000.

Contracts Awarded

Road Oil — Lambertville, N. J. — City Comn., 12,000 gal. oil for various roads in Hunterdon Co., to Asphalt Serv. Co., 84 Bayard St., New Brunswick, at $0.105 per gal. Noted June 3.

See proposal advertising on page 143

Constr. News page 397

THIS is the first of a series of advertisements, addressed to Manufacturers of Construction Equipment and Materials, setting forth the aims, policies and advertising utility of *Successful Methods*, the new working partner of *Engineering News-Record*.

Engineering News-Record Coverage *plus* your monthly message in the hands of 40,000 picked "Field Men"!

That is what we mean by
SATURATION
in the Market for Construction Equipment and Materials

The Field Man in Industry is the man who carries on the outside work of construction, maintenance or operation.

He may be the owner of a contracting business. He may be the superintendent, field engineer or foreman in a large construction or industrial organization.

The point is, that he is a practical "man on the job," the very nature of whose work demands that he know machines and methods and materials from the ground up. And hence his opinion, more often than not, becomes an influential factor in the buying of all sorts of construction equipment and materials.

Successful Methods, in conjunction with *Engineering News-Record*, offers the manufacturer who would sell the construction and allied industries a long needed opportunity to attain SATURATION of the field, supplementing as it does the COVERAGE of the key men now achieved through *Engineering News-Record*. The two papers in partnership constitute what we believe to be the most practical and economical means of reaching every specifying, recommending, approving, and buying factor throughout the market.

Forms for the August issue must be closed July 15th. Please write or wire for space reservations as early as possible. Our Service Department will be glad to help in preparing suitable copy.

Successful
Methods
Now a McGraw-Hill Publication